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SUMMARIES

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No.	Score	Query Match	Query Match Length	DB	1D	Description
_	233	100.0	233	\sim	US-09-151-611-1	Sequence 1, Appl
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_	27	11.6	297	Ν	-161-	Sequence 3, Appl
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Figure 1. Patent No. 5958731
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           Sequence 1, Application US/09370102
Patent No. 6265547
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Best Local Similarity 100.0%; Pred. No. 5e-210;
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APPLICANT: ATTOMAS, Junice
APPLICANT: Patterson, Chandra
ITILE OF INVINITON, CHI, JUNCTION FOR PROTEIN
FILE REFERENCE: PF-0599 US
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NUMBER OF SEQ ID NOS: 3
SOFTWARE: PERL Program
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APPLICANT: harterson, Chaldre
LITTLE OF INVENTION: CELL JUNCTION FOR PROTEIN
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Patent No. 6265547
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Best Leval Similarity (00.0%) Frod. No. 1.4e-17;
Matches 27; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Patterson, Chandra
TITLE OF INVENTION, CELL JUNCTION FOR PROTEIN
FILE REFERENCE: PF-0599 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EARLIER APPLICATION RUMBER.
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               TELEPBONE: (415) 324-0880
TELEPAX: (415) 324-0960
INFORMATION FOR SEQ 1D NO. 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   EARLIEK FILING DATE: 1998-09-11 NUMBER OF SEQ ID NOS: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILING DATE: 1999-08-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANI. As Young, Janice
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Cacnorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: PKI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: WD-40 - Derived Peptides and Uses TITLE OF INVENTION: Thereof
SEQUENCE CHARACTERISTICS:
                                                                             REFERENCE/SOCKET NUMBER: 8600-0149 TELLSTORMONICATION INFORMATION:
                                                                                                                                                             ATTEMNET/AGEST IMPERMATEON:
                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                           MEDIUM IYEE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANI:
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                                                                                                                                                                                                                                                                 OWNFULER: IBM PC COMPATIBLE
SPEKALING SYSTEM: PC DOS/MS-DOS
SOFTWARE: Patentin Release #1.0
                                                                                                                      NAME: Fabian, Gary R. REGISTRATION NUMBER:
                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                         FILLING DATE:
                                                                                                                                                                                                                          APPLICATION NUMBER.
                                                                                                                                                                                                                                                                                                                                                                       Z1P: 94306-0850
                                                                                                                                                                                                                                                                                                                                                                                          COGNIET.
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unery Match
Rest Local Similarity 100.
Post 12: Conservative
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Patent No. 6262023
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TELEPAX: (202) 887-0763
INPORMATION FOR SEQ ID NO: 29:
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robology: unknown
Med.ECHLE TYPE: protei
HypotHELICAL: No
ANII SENSE: No
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COMPUTER: IBM PC compatible
OPERATINE TYPETH FT TYPETH FT
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 98/487,972
FILING WATE: 07-JUN-1995
ALLORIEY JACENI INPORNATION:
NAME: WWASHIJE, KATEIN
REDISTRATION NUMBER: 29/959
RETTEERVEY.70-0KET NUMBER: 2550-0015...
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                                                                                                                                                          ORIGINAL SOURCE:
                                                                                                                                                                           ANTI SENSE:
                                                                                                                                                                                            Molecule TYPE: protein
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PRIOR APPLICATION DATA:
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APPLICAMI: Ron, Dorit
                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                    amino acid
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                                 5.2%: Score 12: DR 4: Langth 428: 100.0%: Pred. No. 0.002:
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                Mismatches
                linderle
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; Patent No. 6001575
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; Patent No. 6342368
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                                                                                                                                                    GENERAL INFORMATION:
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CLASSEFICATION: 445
ATTORNITY/ASTENT INFORMATION: MAKE H.
MAME. MUKASHEE, KATE H.
REGISTRATION NUMBER: 29, 95
EEFFECHCE, 29 OKET MUMHER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (202) 887-1500
TELEPAX: (202) 887-0763
INFORMATION FOR SEO ID NO. 29:
                               TITLE OF INVENTION: THERAPPUTE USES OF GRIF ARD NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
                                                                                                               APPLICANT: Huganir, Richard L. APPLICANT: Dong, Hualing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORIGINAL SOURCE: AAC SICH protoin, Fig. 12
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COMPUTER: IBM PC computable

SPECIAL PATENTIAL PATENTIAL

SPECIAL PATENTIAL PATENTIAL

CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:
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APPLICANT: Ros, Dori
TITLE OF INVENTION: WD-40 - Derived Peptides and Uses
TITLE OF INVENTION: Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MoLECULE TIPE: protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ANTI-SENSE:
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CITY: Washington
AUDRESSEE:
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E: DIKE, BRONSIEIN, ROBERTS & COSHMAN, LLP
130 Water Street
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SYSTEM: PC bes/MS
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                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: CLAESSON-WELST, LEWA
APPLICANT: HELDTH, CARC, HERNEY
LITTLE OF LINVERTICH: CRITICANY STRUCTURE AND FURPTICHAL
LITTLE OF INVERTICH: EXTRECTED STRUCTURE SEGMENTICS FOR NAME PROTEIN
THEE OF INVERTICH: TYROSTRE PROSPHATASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Corloss, Peter F.
REGISTRATION NUMBER: 33,860
REFERENCE, ** FIT HIMSEL, 19117,7699-CIP
TELECOMMUNICATION INFORMATION.
TELEPHONE: 617 523 3400
TELEPAX: 617 523-6440
                                                                                     SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA.
APPLICATION HEMBER. US/Conjunc Pot
                                                                                                                                                                                                                     COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS.

ADDRESSEE: WOLF, GREENFIELD & SACKS, P.C. SIRREEL 600 ALLARTIT AVERTE CITY: BOSTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: GONEZ, LEONEL DERGE
APPLICANT: SARAS, JAN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MolECULE TYPE: peptide
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ATTORNEY/ACTIVE (MYSHMATTON:
NAME: Corless, Peter F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                    PRIOR APPLICATION DATA:
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APPLICATION NUMBER.
                                                                                                                                                     MEDIUM TYPE: Floppy disk
COMPUTER: IBM PO compatible
OPERAFING SYSTEM: projectory
                                                                                                                                                                                                MEDIUM TYPE:
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SIRANDEDNESS:
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COMPUTER: IHM PC computible
OPERATING SYSTEM: PC-pos/MS-pos
                                           CLASSIFICATION:
                                                                  FILING DATE:
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ANTI-SENSE: NO US 09 100-804-25
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Best Local :
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Croce, Carlo
APPLICANT: Croce, Carlo
THTLE OF INVENTION: Diamostics, Therapoutics and Methods
THTLE OF INVENTION: Torizetetion and Treatment of Apole Grakemias
THTLE OF INVENTION: Resulting from Chromosome Abnormalities in the Alf-1 Region
                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 0
FILING DATE: 19-0CT-1944
                                                                                                                                                                                                                                                                                                                                                FILING DATE: 07-MAR-I
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PROPERTY AND THE PARTY OF THE P
                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 9-
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ATTERNEY/AJENT INTERMATION:
NAME: CATES, EDWARD R.
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CMMEDIUE: 188 PC COMPATIBLE
CALEACTION SCHOOL IN MEDIUM 1995
SOFTWAKE: Fatentin Release #1.0, Version #1.25
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ADDRESSEE: No. 6040140ris
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STRANDEDNESS: sin
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                                                                                                                                                       Prof. (2011) kg i saman bi 1920.
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Y: USA
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PCT-US94-04496-54
: Sequence 54, Application PC/TUS9404496
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (215) 568-319
TELEPAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: *
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Canadi, Eli
APPLICANT: Canadi, Eli
HILLE OF HIMENITON - Diagnostics, Therapeutics and Methods
HILLE OF HIMENITON - FOR CASE TO and Toker on A toker
                                                                                                                                                            SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DAIA:
                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: HBM FC compatible
OPERATING SYSTEM: PC-ForS/MS-tors
SOFTWARE: Patentin Refease #1.0
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FILLING HATE: 27 MAY 1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/805,093
FILLING DATE: 11-DEC-1991
ALTORREY/ASERT INFSRMATION:
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                                                                                                                       APPLICATION NUMBER: PCL/0594/04496
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                                                                                                                                                                                                                                                                                                                                       SIREEF: one Liberty
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STRANDEDNESS: single
REFERENCE/TOOKET NUMBER (47.229
                                      NAME: Deluca Esq., Mark
REGISTRATION NUMBER: 33
                                                                                                  CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Woodcock, Washborn, Kurtz, Mackinwitz s
ADDRESSEE: Norris
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: Sequence 14, Application US/08459346
: Patent No. 5834179
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PCT-US94-04496-54
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INFORMATION FOR SEQ ID NOT
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APPLICANT: KUBERASAMPATH, THANGAVEL
TETLE OF ENVERTION. HOVEL MORPHOGENIC EKSTEIN COMPOSITIONS
C.C. TERMINAL HOLDSTOCK STANDARD A TEMPORAL MORESTANDARD A TEMPORAL AND TROPOGRAMMA TATAL STANDARD A TEMPORAL 
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FESCUS - FESCUS - FESCUS - FESCUS - FESCUS - FESCUS - FESSUS - FE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DAIA: APPLICATION DAIA: 16-SEP-PRIOR APPLICATION DAIA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 04-MAR-1993
PRIOR APPLICATION WOMBER: 08-0
FILING DATE: 08-NOV-1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION: 435
PRIOR APPLICATION BATA:
APPLICATION NUMBER: US 08/029, 335
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPULER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
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                                                                                                                                                                                                                               APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                           TREE DATE:
                                                                                                                                                                                                                                                                                                                                                                                                             ADPLICATION NUMBER
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SIRANDEDNESS: single
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RUEGER, DAVID C
OPPERMANN, HERMANN
OEKAYNAK, ENGLN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          N
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IBM PC compatible
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GENERAL INFORMATION:

APPLICANT: JONES, WILLIAM K
APPLICANT: HONES, WILLIAM K
APPLICANT: HONES, HAVID C
APPLICANT: KUEGER, DAVID C
APPLICANT: KUEGER, DAVID C
APPLICANT: KUEGERAHN, HERBANH
APPLICANT: KUHERASAMDATH, THANGAVEL
TITLE OF INVENTION: MANTER
TITLE OF INVENTION: OF MATTER
RUMBER OF SECHENCES 14
COMRESSOR PERMENS: ADDRESSE: PATONESS: 14
ANDRESSEE: PATONESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (IS-OB-RH9-419-14
: Sequence 14, Application US/09889415
: Patent No. 6071708
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                                                     REFERENCE, TWO NET MUMBER: 0
INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
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                                                                                                                               APPLICATION NUMBER, 18 08
FILING DATE: 02-JUN-11945
AITORNEY/AGENT INFORMATION:
NAME: MEYERS, THOMAS C
                                                                                                                                                                             FILING DATE OF THE PRIOR APPLICATION: 445
PRIOR APPLICATION DATA: 08/08/455, 446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 1..438
OTHER INFORMATION: /ne
PUBLICATION INFORMATION:
                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA.
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LOURNAL, From Natio Acad. Sci. H.S.A.
VOLUME: 85
PAGES: 4554-4558
DATE: 1989
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SIRANDEDNESS: single
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STRANDEDNESS: single
                                   LENGIH
                                                                                                               REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                     APPLICATION MUMBER.
                                                                                                                                                                                                                                                                                                           SE FINARE:
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                                                                                                     ZAGENT INFORMAS C. MEYERS, THOMAS C. 35,989
                 amino acid
                                   438 amino acids
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; GENERAL INFORMATION:
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COUNTY THE HEVARACTOR. /not
FUBLICATION INFORMATION:
AUTHORS: LYONS,
JOURNAL PROC. Natl. Ac
VOLUMB: 86
VOLUMB: 86
VOLUMB: 4664 A664
                                                                                                                                                                                                                                                                          NAME: KELLEY, ROBIN D.
REGISTRATION NUMBER: 44,637
RELIEBACI, I WILL HERMAN. CRE
INFORMATION FOR SEQ 1D NO. 14:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE. Ploppy disk
COMMUTER: IBM_PC compatible
-REKATIEN CESTEM. FT L-SyMS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT AFFLICATION DATA:
AFFLICATION NUMBER. PCT/US93/07189
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                                                                                        OPHER INFORMATION: /he
                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                               MolECULE TYPE: protein
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             PAGES:
                                                                                                                                                                                                                      TYPE: amino acids
STRANDEINESS: Single
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CITY: HOPKINFON
STATE: MA
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DATE: 1989
DATE:
                                                   JULHORS: LYONS,
                                                                                                                              NAME/KEY: Protein Locarion: 1..438
                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME, KEY: Protein
                               MULLIAME:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AUDRESSEE: FAIRT GUILLISTATER/CREATIVE BIOMOLECULES.
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                                                   Proc. Natl. Acad. Sci. U.S.A.
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                                                                                                          /note: "PRE-PRO-VGRI"
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PCT-US9 C-07189-14

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Sequence 2, Application US/08472478Fatent No. 5869621
                                       US-08 472-478-2
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US-um 473-122-2
                                                                   FESILL.
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Patent No. 5652440
                                                                                                                                                                                                                        Matches II; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 2:
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composes: IBM PC compatible
operating System: PC-DOS/MS-1905
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
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REFERENCE/L-WRIT HUMBLE, I L. 515)
FELECOMMUNICATION (NEGRATION)
FELECOMMUNICATION (NEGRATION)
FELECOMMUNICATION (NEGRATION)
FELECOMMUNICATION (NEGRATION)
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TITLE OF INVENTION: MATRIX ASSISTATION SHA BINDING PROTECTS.
TITLE OF INVENTION: WITLEIG ACLES LED LIED THE CAME ARE MELHERS TO SUFFECTION ITHE NOTIFE ACTION
NUMBER OF SEQUENCES: 19
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PILLING DATE: 21-AUG-1992
ALPHREYARENT INFORMATION:
NAME: CAMPBELL, CATHRYN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SECUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
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                                                                                                                             503 10000000000001 263
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                                                                                                                                                                       216 100000000000 226
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TYPE: amino acid
SIRANDEDNESS: single
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CITY: SAN CIESO
STATE: CALIFORNIA
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KOHWI, YACHINOSI
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                                                                                                                                                                                                                      Or Mismatches
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: Sequence 8, Application HS/08463081B
Patent No. 5871960
Patent No. 5871960
GENERAL INFERMATER:
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FIGURESCAPE, F. C.C. MIDNERS: P. C.C.
THLESCANDON CATON INFORMATION:
FIGURESCAPE FOR SIGN TO PO. 2:
FIGURESCAPE FOR SIGN TO PO. 2:
SEQUIENCE CHARACTERISTICS:
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                                                                                                                                                                                                           APPLICANT: Smith, Kendall A. & Beadling, Carol
TITLE of HWINELSK, Eacher Acids Encoding CR5 Polypoptide,
TITLE of HWINELSK, Vector and Hamstonwed Cell Thereof, and Expression Thereof
RUMBER of SECURERIES, 15
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APPLICANT: DECKIRSON, LILLARI A
TITLE SE LIMERITORI MALEIX ASSACIATINS DRA HIROING FROTEIN.
TITLE SE LIMERITORI MECLETO ACCUS ENCACINO THE CAME AND METHOR FOR DECINOTING
TITLE OF INVENTIORI THE NUCLETO ACCUS
                  MEDIUM TYPE: Floppy
MEDIUM TYPE: Floppy
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ACCULANT DATE:
FILLING DATE:
                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
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ATTERMEY/AGDEL THEORIGATION:
NAME: CAMPRELL, CATHEYN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Floppy
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community: IRM PC community:
cattack Tag Cyclism, PC LocyMS bos
SOFTWARE: Patentin Release #1.0, Version #1.25
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TYPE: amino acid
STRANDEDNESS: single
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                                                                 Z1P:
                                                                                   CANTEST:
                                                                                                                              CHY:
                                                                                                                                              ADDRESSEE: DREITY, SCHROEDER & POPLAWSKI
STREET: 444 South Flower St. Suite 190
    COMPUTER:
                                                                                                            STALE:
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PE: Floppy disk
IBM PC compatible
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08-08-461-479A 8
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Separation 8, Application US/08461379A
Parent N., 5871949
Parent N., 
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TELEPAX: (213) 489 4210
INFORMATION FOR SEQ ID NO. 8:
SEQUENCE CHARACTERISTICS:
TERRIH: 763 dmino dcids
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                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER. 088H 08/330.108. 08/104/746
APPLICATION NUMBER. 6 07/796.066
FILING DATE: 27-001 1994; 10-AUC 1994 6 20-NeV-91
ATTORNOC/APRIC INFORMATION:
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MolECULE TYPE: protein
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REGISTRATION NUMBER: 30.930
REFERENCESTOCKET HIMBER: 166.36150 (DAKT 360)
TELECOMMONICATION INFORMATION:
TELEPHONE: (213) 622-7700
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SOFTWARE: Version #1.25
CURRENT APPLICATION DATA:
                                                       REPERRYCATION INFORMATION:
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                                                                                                                     NAME: Viviana Amzel, Ph. D. REGISTRATION NUMBER: 30,930 REPRESENTE, TART 020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER. FILING DATE: 5-JUN
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                                                  Oncry Match 4.7%; Score H; DB 2; Lendth 75%; Best Local Similarity 100.0%; Pred. No. 0.028;
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Patent No. 5882894
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    THE TAX: (616)470-0701 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                          THILEPAX: (610)407-0701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER REALIABLE FORM:
MEDIUM TYPE: Flopy disk
COMPUTER: HM FC compatible
OPERATING SYSTEM: PC-pos/MS-DOS
SOFTWARE. Fatcatin Release #1.0, Version #1.25
CORRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: DA TELECOMMUNICALION INFORMATION: (610)407-0700
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                                                                                                                                             MOLECULE TYPE: protein
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216 1202020505050 226
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PILING DATE: 27-00T-1994
APPLICATION RUMBER, USSN
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                                                                                                                                                                                  PYPE: amino acid
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PHLING DATE: 20 NO
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Patent No. 6027914
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REGISTRATION NUMBER: 30,930
REFERENCEZHONGET NUMBER: 30,930
REFERENCEZHONGET NUMBER: 48144 (PAPT-020)
LELECOMMUNICATION INFORMATION:
LELECHOME: (213) 622-7700
LELECTRANS (213) 489-4210
                                                                NUMBER OF STANDERS:
CHRESTONDENCE ADDRESS:
ADDRESSEE: PRETTY, SCHROPINER & POPLAMSKI
                                                                                                                                                    APPLICANT: Smith, K. A., & Beadling, C.
THILE OF INVENTION: Models Asids Passeding OF Folypoptide, Veeto
HILE OF INVENTION: Transformed Only Thereof, and Explosion Thereof.
NUMBER OF SEQUENCES: 35
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MEDIUM TYPE: Floppy
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PRIOR APPLICATION NUMBER: US 08/104,736
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COMPUTER: IHM PC COMPUTED (P
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Boloase #1.0.
SOFTWARE: Version #1.25
                                        STATE: California
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STATE: California
                       COUNTRY:
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20-NoV-91
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                                                                                      111South Flower St.
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                                                                                   Suite 190
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US-08-652-446-8
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TELEPAX: (213) 4894210
INFORMATION FOR SEQ 1D NO: 8:
FILING DATE: 5-JUN-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER, US (
                                         FILING DAGE.

PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP App. # 96921319.8

FILING DATE. 5 JAN 1998

FILING DATE. 5 JAN 1998
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MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC LOSYMS-DOS
SOFTWARE: Patenth Release #1.0,
SOFTWARE: Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Nucleic Acids Encoding CR5
THILE OF INVENTION: Folypeptide, Vector and Tra
THILE OF INVENTION. Expression Thereof
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: protein
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ATTORNEY/AGENT INFORMATION:
NAME: Viviana Amzel, Ph. D.
REGISTRATION NUMBER: 30,930
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LENGTH: 763 amino acids
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                                                                                                                                                                              CURRENT APPLICATION DAIA:
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OPERATING SYSTEM. PC EUS/MS-DOS
SCETWARE. FutentIb Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                        CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE:
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MBEEL - USSN 07/796,066
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801,087330,108

PRIOR APPLICATION DATA:

3661 NOC

08/464,074

TILING DATE: APPLICATION NUMBER. FILING DATE:

5 - JUN - 1995

08,7162, 337

PRIOR APPLICATION DAIA.

APPLICATION NUMBER: FILING DATE: 27 com 1994

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US UN 481-6596
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2. Application US/084816590 Patent No. 6334407
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: (21s) 489-4210 INFORMATION FOR SEQ 1D NO: 8
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THEE OF INVESTIGATE the Nucleic Acids
The of Spoilsness: 24
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ATTORNEY/ACENT INFORMATION:
NAME: VIVIAIDA AMEZEL Ph. D.
RECISTRATION NUMBER: 40,940
REFERENCIS/POWER: MUHRIER. 1756-100-5
RELECOMMUNICATION INFORMATION:
MEDIUM TYPE: Floppy disk
composition
composition for the process of the process o
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: KOWHI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 08/739,523
FILING DATE: 29 oct 1996
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CTTY: San Diego
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                                                                                                                                                                                                                                                                                                                                                     United States
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Backeic Acids Bacoding the Same and McCoude Communication
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                                                                            TELLEFAX: (415) 498-4249
TELLEX: 910-277299
TNICORMACCON FOR CRO TD NO: 2:
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INFORMATION FOR SEQ ID NO: 2:
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ATSARMY/ARENT ENCARATION:
NAME: Campboll, Cathryn A.
REGISTRATION NUMBER: 31,81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ALFORRECYASENT INFORMATION:
NAME: OSMAID RICHARD A
REGISTRATION NUMBER: 46,627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDICAL CHEE, FLOARS Jisk
COMMUTER: IBM PC compatible
FOR ACTES TOTAL FOR LOSYMETS
SOFTWAKE. Fatonia Release #1.0, Version #1.25
COURSENT APPLICATION DATA:
APPLICATION HOMBER, US/5-9/188/582
FILLING DATE: 28-JAN-1994
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MolECULE TYPE: protein
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LENCTH: 763 amino acids
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APPLICANI: Comai, Lucio
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANARESSEE: FLEHR, HOHBACH, LEST, ALEKTIC
STREET: 4 Embarcadero Center, Suite 400
CHY: San Francisco
STATE: California
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                                                                                                                                                                                                                                                                                                   (415) 781-1989
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                                                     where Match 4.7%; Score II: DB I: Lougth 921: Host Local Similarity 100.0%; Prod. No. 0.033; Matches II; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                               MOLECULE TYPE: protein 
08-646-715-2
                                                                                                                                                                                                                                                                               TELEFAX: (415) 498-42
TELEX: 910-277299
TNISHMATION FOR SEQ ID NO.
                                                                                                                                                                                                                                                                                                                    NAME: OSMAID, RICHARD A
REGISHALLON NUMBER: 46,627
REFEREDYS SOFT WINSON A
FELEXOMMUNITATION INFORMATION:
TELEPHONE: (415) 781 1989
TELEPAX: (415) 498-4249
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APPLICANI: Comai, Lucio
APPLICANI: Dynlact "
APPLICAN"
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TITLE OF INVERTION. TAIA BINGING FROMEIN ASSOCIATED FACTORS,
TITLE OF INVERTION. HYDIETC ACIUS EMPERING TAIA AND METHORIS OF USE
NUMBER OF SEQUENCES: 36
CORRESTONDENCE ADDRESS:
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 28-JAN-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 0
APPLICATION NUMBER: 0
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               218 0000000000000000 228
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERALING SYSTEM: PC LOS/MS DOS SOFIMARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SIPPET: 4 Meharcador
CIIY: San Francisco
                                                                                                                                                                                                    TYPE: amino acid
Topology: linear
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Lanese, Nacko
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US no 041 886-7

Escapemen 7, Application Batent No. 6235872

GENERAL INFORMATION:
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Best Local Similarity
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MEDIUM TYPE: Floppy disk
COMPUTER: IRM PC compatible
COMPUTER: IRM PC compatible
CORFORD STATEM: PC DOS/MS-DOS
SOFTWARE: Fatcuttu Release #1.0, Version #1.25
COMPUTER: Patcut Data
ACCULTATI N NUMBER. ES/C9/041,8866
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                   FILLE OF INVENTION: Proapoptotic Peptides, Dependence LITLE OF INVENTION: Polypeptides and Methods of Use NUMBER OF SEQUENCES: 72
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CHY: San bleeto
CHAIE: Callitornia
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                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
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                                                                                                                                                                   CITY: San Diego
SIAIE: Calitornia
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                                                                                                                                   COUNTRY:
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                                                                             ZIP: 92122
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                                                                                                                                                                                                                                                                                             Campbell & Flores LLP
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Floppy disk
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US-09-041-886-7
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TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 7:
                                                                                  TELEPHONE: (617)227 7400
TELEFAX: (617)227-5941
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS NOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURKERT APPLICATION DATA.
                                          SEQUENCE CHARACTPRISTICS:
LENGTH: 18 amino acids
                                                                                                                                                                                                                                 FILING DATE: 18-JAN-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                APPLICATION HOMBER: 05,708
FILING DATE: 21-JULY-1993
PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Kahn, C. Ronald
APPLICANT: White, Morris F.
APPLICANT: Pothonberg, Paul Louis
TITLE OF INVENTION: INSULIN RECEPTOR SUBSTRATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
ATTORNEY/ACTUTE INFORMATION:
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TYPE: amino acid
SIRANDEDNESS: single
                                                                                                                                                                       REGISTRATION NUMBER: 39
                                                                                                                                                                                                                                                        APPLICATION NUMBERS OF 07,7643,082 FILING DATE: 18-JAN-1991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Campbell, Cathryn A. REGISTRATION NUMBER: 31,815 REFERENCE,7000KET NUMBER: P-1
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentim Release #1.0, Version #1.25
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TOPOLOGY: linear
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                                                  ; Sequence 9, Application US/09041886
; Patent No. 6235872
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; GENERAL INFORMATION:
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Best Casal St Casit; 100
Matches 10; Conservative
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APPLICANT: Rabizadeh, Sharroz
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION: (617)227-7400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US 0 FILING DATE: 18 JAN-1991 ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER. | |
FILING DATE: 21-JULY
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APPLICANI: white, Morris F.
APPLICANI: Rothenberg, Paul Louis
                  APPLICANT:
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                                                                                                                                                                                           217 00000000000 226
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Fatentin Release #1.0, Version #1.25
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CITY: Bustun
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                  Bredesen, Dale E.
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3R: JDP-013DV
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Search completed: May ku, 2002, 06:07:07
Job time: 119 sec
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TELEPAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGIH: 25 amino acids
TYPE: amino acid
TOPOLOGY: Linear
MOLECULE TYPE: peptide
                                                                                                                                                                                        Matches 10; Conservative
                                                                                                                                                                                                            guery Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
AFFORMATION:
NAME: Campbell, Cathryn A.
REGISHATION NUMBER: 41.815
REFERENCI/ORCKET MUMBER: F. L.)
IELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
COMPUTER: THM PC compatible
OPERATING SYSTEM, PC-0-05/MS-F0-8
SOFTWARE: Patentin Reloase #1.0, Version #1.25
GURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE:
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CORRESPONDENCE ADDRESS:
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STREET: 4370 La Jolla Village bri
CHTY: San Diego
STATE: Callfornia
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total number of hits satisfying chosen parameters: Word size : scoring table: Pertect score: oM protein - protein search, using sw model oLIG0 233 LMCKESVTSARTARMATITYV May 30, 2002, 06:05:08) Scarch time 44.4 Seconds (without alignments) 504.253 Hillion cell updates/sec 283138 seqs, 96089334 residues Gapop 60.0 , Gaport 60.0 GenCore version 4.5 GenCore version 4.5 CITIESPECIAL STRUCTURE CONTROL 283138

Minimum DB seq length: 0 Maximum DB seq length: 20000000000

Post-processing: Listing first 50 summaries

Database : 1: pir1: *
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4: pir4: * PIR_71:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by unalysis of the total score distribution.

SUMMARIES

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2 A26771	2 A60637	1 822853	2 A48279	2 096592	2 S56263	2 S61705	2 838117	2 A96618	2 D49247	2 823687	2 849247	2 A47303	2 F49247	2 A49247	1 ICMS2	2 813803	1 OKBYS1	2 \$50512	2 A26892	Z A3/931
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ALIGNMENTS

A; Molecule type: DNA A; Residues: 1-317 <WIL> A;Reference number: %20322 A;Accession: %27179 C)Species: Caenorhabditis elegans C;Date: 15-Oct-1999 #sequence_revision 15-Oct-1999 #text_change 15-Oct-1999 C;Accession: T27179 A; Introns: 55, % 1 3. A; Gene: CESP:Y54GllA.lo A; Experimental source: clone Y54611A A; Status: preliminary; translated from GB/EMBL/DDBJ submitted to the EMBL Data Library, December 1998 R; Wallis, J. RESULT C; Genetics: A, Cross references, EMBL, A1/034488, NID.el/59895, FIDR, CAA22459.1, CHREE, Y540HIA.10 hypothetical protein Y54G11A.10 Outry Match 11.6%, Score 27: DB 2: Length 317: Best Land Similarity 100.0%; Fred. No. 2.6e-18; Matches 27: Conservative 0: Mismatches 0: Indels 177.3 Caenorhabditis elegans Ξ.

RESULT S05357

A,Cross references, LMRL.X16521, Nib.q7175; FIDH:CAA34531.1; FID:q7176 C,Superiumily, unassiqued WD repeat proteins; WD repeat homology F.120 153/Commain: WD repeat homology vMD55 F.183 217/Commain: WD repeat homology vMD55 F.314 347/Commain: WD repeat homology vMD55

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kickita, I.W.: Cheesbrondh, V.: keeves, C.B.
J. Biol. Chem. 200, 8204-823, 1985
Arlitte: Evolution and beterosceneity of the alpha/beta-type and gamma-type diladin DNA
ArBeterosceneminer: A92541; MUJH:85234522
ArAccession: E22464
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J. Biol. Chem. 272, 27629-27644, 1997
AFILIDE IKAM I. a movel 160 Por Chyreld Lewis, program activate aclosule, exhibits
Arketerence number: 215120; MUIDEMBOI0595
Arketerence. 107651
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C:Accession: 103851: T03749: T03443
K:Takeshita, A., Mardana, G.B., Keibuchi, B., Deen, C.B., Chin, W.W.
                                                                                                                                                                                                                                                                                            alpha/Acta alladin previtson (clone Al285) v
C:Species: Liticum aestivum (common wheat)
C:Date: Il Dec 1988 #sequence_revision il Dec
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A:Residnes: 1 130,7EA7,133-1213,1218-1273,1277-1424 -LIH2
A:Pross references: EMBL:AF010227: NID.42318005, FIBN.AA051661.1, FIB.42318006
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ArMolecule type: mkNA
ArResidues: 1-1213,1218-1424 <ANZ>
ArCross-reterences: EMBELAPO12108: NID:q2331240; FIDH:AAC51677.1, PID:q2331250
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A:Residues: 1 1424 <TAK
Askesidnes: 1 320 sokt.
OrSupertamily: gliadin
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A;Map position: 20
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Proc. Natl. Acad. Sci. II.S. A. 94, 8479-8484, 1997
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A:Accession: 704749
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Science 277, 965-968, 1997
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                                                                     A: Molecule type: mkNA
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[00.0%; Pred. No. 0.0043;
[ye 0; Mismatches 0; Indels
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Enr. J. Biochem. 230, 496-400, T., Natori, S. Enr. J. Biochem. 230, 496-400, 1995
A:Ellio: Molecular clouder and nuclear localization of AIBF. A.Accession: 865681; MUID:95381271
A:Accession: 865687
A:Molecular Co.
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R;Schulte, U.; Aldn. V.; Hoheisel, J.; Brandt. P.; Eartmann, B.; Holland, K.; Nyakatu
submitted to the Profeit Scquence Database, May 2000
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A;Accession: 149847
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A:Mostables: 46-48.50-61.63-108.243-248-NAW-
A:Expostimostal source: embryonic cell line-NIH-Sape-4
7.Ec., words: 135 Eludian, audieus, transcription requiation
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A.Realibea, I 351 MAK:
A.Realibea, I 351 MK. MED., MID., 41751628, PID., 41067627, PID., 4106.5612
A.Areassion: 86563
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C;Nato. 14 Ed 1997 #sephen e_terision 18 Mar 1997 #tcxt_change 12 bec-1997
C;Accession: 855657, 865641
E:H36EHJSE Margel, M., Kuto, F., Natori, S.
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F:21-320/Product. alpha/heta gliadin #status predicted <MAT>
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C)Date: 91 Jun 2000 #sespense_regision 01 Jun 2000 #text_change 02-Jun-2000
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Hest Lacal Similarity 100.0%, Pred. No. 0,
Matches 11, Componyative 9; Mismatches
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100.0%; Pred. No. 0.012;
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c; Fred. No. 0.0
0; Mismatches
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A;Moslowise type: mMAA
A;Moslowise 1-510 *GIT*
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submitted to the Protein Sequence Database. Joly 1896
A:Beteronee number: 867284

A:Accession: 867284
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Activity mechanistra val. JRRMS 6 vogressiva tumors induce tibroxis and endendondral band Arketerence number: A54798; MULD:94-07883
                                                                                                                                       bib protein - truit fly (brosophila melanosaster)
C:Species: brosophila melanosaster
C:Date: Lz-Bet-1904 #ceppores_register 12 Feb 1904 #text_change 21 Jul-2000
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C:Species: Mus musculus (house mouse)
C:Date- 28 cort-1904 #sequence covision 28 cort bod #text_change 15-Jul 1999
C:Accession: A54798; A33925; S47412
                                                                                                    C: Accession: S09699
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ArMap position: ISR
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A;Residues: 1-554 - DEL-
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C;Species: Saccharomyces ecrevisiae
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A:Residues: 'M',74,'K',76-85,'P',87-510 kLY
A:Cross reterences: CR:J04566; NH:Jq202352; FH:N:AAA40548.1; PID:q202353
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Matches 11: Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             y Match 4.7%; Score 11; DB 2; Length 554; Local Simitarity 100.0%; Pred. No. 0.018; Local Simitarity 0; Mismatches 0; Indeb.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RU1 00000000001 86
                                         ; Jan,
16,5-16,7, 1990
                                         Jan, Y.N.
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A;Cross-references: EMBL;X92517; NID:q1050783; PIEN:CAA63278.1; PID:q1050791 k:Nasr, F.: Becam, A.M.; Horbert, C. submitted to the Protein Sequence batabase, April 1996

A:Accession: 860966 A:Molecule type: DNA A:Besidues: 1 756 NAS

A; Reference number: Shows8

submitted to the EMBL Data Library, betober 1995. A; Description: The sequence of 36.8 kb from the left arm of chromosome XIV reveals 24 tonic dystrophy kinase.

R; Nasr, F.; Becam, A.M.; Herbert, C.J

C; Accession: Showbb;

probable profein kinase TBL161* (ET 2.7.1.) - yeast (Saccharomyces corevisiae)
NCAH crnate numewor hypothetical profein N1727
CTSpecies: Seredaromyces corevisiae

C;Date: 15-Eeb 1996 #Sequence_revision of Mar 1996 #text_change 24-Sep-19-0

S64114; S63814

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Aptross-retereness: FlybasciFidun0000180
Obeywords: alycoprotein; transmembrane protein
Fig2 plybasin: transmembrane #status predicted *IM1 +
Fig2 plybasin: transmembrane #status predicted *IM2
FlyB ll82comain: transmembrane #status predicted *IM4 +
FlyDamain: transmembrane #status predicted *IM4 +
FlyDamain: transmembrane #status predicted *IM4 +
FlyDamain: transmembrane #status predicted *IM5 +
FlyDamain: transmembrane #status predicted *IM
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C.Gombies:
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A; Residues: 1 792 SHAW
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C:Date: 06 Jan:1995 #sequence_revision 06 Jan 1995 #text_change 09-8ep-1997
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A; Reference mamber: $09699; MEID:9024509]
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A:Reference number: $40759
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Rest Local Similarity 100.0%;
Matches 11; Conservative (
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Rest Local Similarity 100.0%;
Matches II; Conservative o
114 19999999999 124
                                                                                                              216 ΤΩΟΟΩΩΩΩΩΩΩΩ 226
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100.0%: Pred. No. 0.023:
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Pred. No. 0.022
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R:Nakadomi, K.; Kobwi, Y.; Dickinson, L.A.; Kobwi-Shiqomatsu, T.
Mol. Cell. Biol. 14, 1852-1860, 1994
A:Hitle: A morel DWA binding on til in the modern matrix attackment DWA binding probein
                                                                                                                                        C: Accession: A56208
                                                                                                                                                                    Cobate: 19 oct 1995 #Sequence_renish to be see two whose Life age 25 MLC 1989
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ALR-Act Asparise extracted from MM81 backbone (MUBERL1714-4, MUBIP.111488)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              cell 70, 641-645, 1992
A.Hitle. A tissue specific MAR/SAK EWA binding protein with unusual binding site recogn
A.Reterence number: A43314; MULP:92379884
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C:Keywords: AIP: phosphotransferase
F: (50-672/E-miln: protein Finase bareling FIN
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Yeast 12, 169-175, 1996
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AsResidues: 1-756 NAWN
DNA binding protein SATE
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A: Residues: 1.764 - DIC
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C.Species: Homo supiens (man)
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A:Residues: 307 756 - NAF
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A:Accession: 863113
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Local Similarity 100.0%; Pred. No. 0.024;
hes 11; Conservative 0; Mismutehee ^; 'nde'/
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RiKekube, T.; Cand, D.W.; Roodor, R.C.; Harikoshi, M.; Nakatani, Y.
Proc. Natl. Acad. Sci. H.S.A. 90, 5896-5900, 1993
AJHitle: The Drosophila IIO-KDa transcription factor IPHD submit directly interacts
A; Reterence number: A48184; MUID:93317591
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Eithey Letis, A., Eithey, C.E.E., Fala, C.E., Fyderspiel, H.A., Krel, S., White, C., Alo-Chin, C.W., Chuna, M.K.: Coun, L.: Couway, A.B.: Couway, A.B.: Creasy, T.B.: Dewar, ansen, N.F.: Bughes, B.: Hulzar, L.
Nature 408, 816-820, 2000
Ardene: Flybase:Tatll0
ArThous reference: FlyBase:TPgo8818280
CrKeywords: transcription initiation
                                                                                                                                              Aptross-reterences: GB:S64550; NHD:q498442; PID:q398443
Aptroper:Montal scarce: califyo borbeat califact
Aprole: sequence extracted from NCB: backbone (NCBIN:134863; NCBIP:134864)
                                                                                                                                                                                                                                                             A:Status: preliminary
A;Molecule type: mRNA; protein
A;Residnes: i-92i - KoK
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C.Batel 16 Dtb [99] #Lequenee_relling 18 Bt. 1994 #teat_change 15 Oct-1999
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A;Cross references: GRO
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ArMoleeule type: mRNA
ArMoleeule type: mRNA
ArMoleeule type: mRNA
ArMoleeule type: MRNA
                                                                                                                   C;Genetics:
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R;Kokubo, T.; Conq,
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"LPT-0 - 32 Mar 2001 #argaria_Larisiin 92 Mar 2001 #text_charge 31 Mar 2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               hypothetical protein F28H19.10 (imported) - Arabidopsis thatiana
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But Local Similarity 100.0%, Fred. No. 0.026;
Matches H; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 4.7%; Score II; DB 2; Length 764. 
Hest Local Similarity 100.0%; Pred. No. 0.024; 
Matchee II; Camericative 0; Minmatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Jese, F28H19.10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     216 1000000000000 226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              references: disa6005173; NID:q7527675; PlDR:AAE63115.1; GSPDB:GN00141
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A:Accession: A39651
A:Molecule type: mRNA
A:Mosidnes: 1 960 - 40000
A:Gross reterences: GB-M73529; NID:415724 C PGN.AAA28468.1, PID:4157244
A:Gross reterences: GB-M73529; NID:415724 C PGN.AAA28468.1, PID:4157244
C:Comment: Loss of this profein causes large (magical disks by allowing exeplastic every
ction to control cellular profiteration.
                                                                                                                                                                                                                         F:}59-241/Domain: GLGF domain homology -GLG2-
F:491-563/Domain: GLGF domain homology -GLG3-
F:F003-665/Domain: SH3 homology -SH3>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Rywads, D.F. Bryant, P.J.
Coll 56, 451 464, 1991
A:Itile: The discs-large tumor suppressor
A:Reference number: A39651: MULD:91330294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conste: 10-Sep-199 #sequence_tevision 10-Sep-1999 #fext_change 10 Sep-1999 Concression: A49651
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Archoss reterences: FlyBase:FEqn001028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A:Residues: 1-921 sHOE+
A:Experimental source: embryo
A:Rote: sequane catracted in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A:Status: preliminary: not compared with conceptual translation A:Moieeule type: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Artitle: Molecular closing and remotional analysis of Decembria TAPIDS reveal propertie A.Reference number: A45183; MUID:93145326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Colate: 10-Jun 1993 #Separate_revision 18 No. 1994 #teat_change 16 Feb 1997 COLATOSCILLE ARTS #180 FEB 1997 COLATOSCILLE ARTS #210 Meinsterl M.C., Cillo G., Chen, J.L., Dyphaeda M.D. Tjlano M. Cell 72, 247 260, 1993
S
                                                                                                                                                                                                                                                                                                                                         C:Keywords: signal transduction
                                                                                                                                                                                                                                                                                                                                                                                                   A:Gene: FlyBase:dlql
A:Cross-references: FlyBase:FBqn0001624
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            ":Genetics:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 C:Species: Drosophila melanogaster
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                                                                                                                                                                                                                                                                                                                                                                 Case type typing a diseast angent upon suppressor; dLGF domain homology; quanylate kinase home
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Best Local :
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                                                                                    Best Local Similarity
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   143 LKREIGHLSVN 159
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence extracted from WCB1 backbone (WCB1P:12:882)
                                                      11: Conservative
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                                                                                    100.0%;
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                                                                                                         4.7%; Score 11; DB 1; Length 960;
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100.0%; Pred. No. 0.028;
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                                                      Or Minmat Has
                                                                                    Prod. No.
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                                                   C. A. C. Salvan, Tal74 C
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R:Cawarec, L., Jonson, S., Casella, J.F., Cristescu, S.A.: Heldmann T.
Mol. cell. Biol. 17, 402 494, 1997
A:Title: Molecula: eloping and characterization of a transcription factor for the cop.
A:Reterence number: 217624; MffD:97127408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A:Genc: AISP:F20022.8
A:Map position: 1
C:SuperLamily, Arabidopsis thaliana hypotherical protein F2:022.8
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A:Molecule type: INA
A:Modiffica: 1-1012 - VYS >
                                                                                                       C:Species: Drosophila melanodaster
C:Batte: 24 Mar 1999 #sequence_revision 24 Mar 1999 #text_charm 17 Nov 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A;Description: Arabidopsis thaliana chromosome 1 RAC F20D22 complete sequence.
A;Reterence number: Z14214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               F:18-119/Domáin: 1802 domain homology «PoZ:
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Composities:
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Authoreute type, mSMA
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k:Bahri: S.M.: Yang: X.Y.: Chia. W.
Mol. Peli: Biol. 17, 9521-5529, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A/CLOSS:TETETECHES: EMBLAC002411; MID:q2570227; FID:q4142295; SSFDB:OMECUS9, AIDF:F2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     R:Vysotskaia, V.S.; estarne, B.L.; Schwartz, J.R.; foriumi, M.; Kwan, A.; Yu, G.;
K.; Fenn, J.; Kim, C.; Eurtz, D.; Li, Y.; Palm, C.J.; Shinn, P.; Sun, H.; bavis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    C; bato: 12-Feb-1999 #sequence_revision 12-Feb 1999 #text_change 28-Jul 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        hypothetical protein F20022.8 - Arabidopsis thaliana
C.Species: Arabidopsis thaliana (mouse-ear cress)
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C;Supertamily: PoZ Asmain homology
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                                                                                                                                                                                  bitocal protein · truit tly (Drosophila melanogaster)
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Best Local Similarity 100.0%;
Matches 11: Caservative
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100.0%; Pred. No. 3.03;
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100.0%: Pred. No. 0.03;
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ArAccession: T13804
Aracce
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CrSpecies: Drosophila melanoquster
CrDate: 13-Aug-1999 #sequence_rectsion 14 Aug-1999 #text_change 17 Mor 1990
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A:Reference number: Z1504B; MDID:9741562B
A:Accession: [03743
E: 300-337/Domain:
E: 359-396/Domain:
                                                                                                                                                                                                                                                                                                                                                                                 A:Modercule type: mKNA
A:Mosidues: 1-1256 - SHI -
A:Cross references: GR.ABolimB94, NID-4 020097
A:Experimental source: brain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RiShiratsuchi, T., Fitamura, M.: oda, K., Mishimeri, H., Rakamura, Y., Tokine, T. Kicchem, Biophys. Res. Commun. 247, 587-684, 1998
A:Tiille: Cloning and characterization of BAI associated protein i. A FGZ domain contain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Cispecies: Hemo suprems (man)
Cibato: 21-And 1998 #sequence_resision 21 Aca 1998 #feat_change 18 Aug 2000
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Develgment 12: 28*** 2845, 1935
Arlitle: Shortsighted acts in the decapeutapiesic pathway in Drosophila eye development
ArReference number; 217767; MUID:96038094
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                                                                                                           A:Map position: {pl4.1 {pl4.1} C:Supertamily: WW repeat homology
                                                                                                                                                                                                                       A: Tross-references: GDB: 9864783
                                                                                                                                                                                                                                                                          A:Gene: GDB:BAIAP1; BAP1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A; Reference number: JB0209; MUID:98321123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              C:Accession: JEU209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A;Gene: shs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            C; Accession:
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Rest Local Similarity 100
Matches 11; Conservative
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Best Local Similarity 100.0%;
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100.0%; Pred. No. 0.036;
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A.Reference number: A41214; MUID:92034988
A.Aecession: A41214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ArMolecule type: mRNA
Armolecule type: mRNA
Aresidnes: 1-1801 -1802 | Armolecule
Arcoss references: GB:M81795; NID:q157293; PIDN:AAA28482.1; PID:q157294
Arcoss references: GB:M81795; NID:q157293; PIDN:AAA28482.1; PID:q157294
R:Yanq, X.; Seow, K.T.; Bahri, S.M.; Oon, S.H.; Chia, W.
Cell 67, 661-673, 1991
                                                                                                                                                                                                                                                                                                                                                  E, 63.416/jesuain: transmembrane #status predicted «TMM» 
E/502-740/bemain: protein-tyrosine-phosphatase homedody -PIP» 
E/799 1997/hamain. protein tyrosine phosphatase homedody -PIF2» 
E/1699 1994/Region: glutamine-rich 
E/1682/Active site: vys (phosphocysteine intermediate) #status predicted 
E/1688/Finding site: substrate phosphate (Arg) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Fyl-29/Absmain: Signal sequence #status prodicted (SIG)

Eye 1 91/3: Every prodict by Siber play specific type (90%) # *** * is prodicted 
Fylo 1049, 1220 102/Product; protein-tyreshe-phosphatase, receptor type (90%) short s
Fylo 1049, 1220 102/Product; protein-tyreshe-phosphatase, receptor type (90%) short s
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C:Superfamily: protein-tyrosine-phosphatase, receptor type 99A; fibronectin type III
C:Koywards: afternative splicing: phosphaprotein; phosphorie mecoester hydrolase; tra
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A.Rediduca: | 585,787,587,1049,1290-1301 /YA2>
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ArKs:Li.co. | 585/86,587 1049,1129 1224,187,1226 1391 FYAN
Archess references, GBLM80464, NID.4157299, PHDM.AAA28486.1; PHD:4157300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A:Reference number: A41215; MUID:92034989
A:Accession: B41215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RyTian, S.S.; Tsoultas
Cell 67, 675-685, 1991
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                                                                                                                                                        Ouery Match 4.7%;
Best focal Similarity 100.0%,
Matches II; Conservative (
1882 000000000001 1892
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                                                                              217 φοροφοροφορί 227
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                                                                                                                                                                                         4.7%; Score 11; DB 1; Longth 1801;
100.0%; Fred. No. 0.018;
                                                                                                                                                                Mismatches
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A:Note: the numbertide sequence was submitted to the EMBL lata Library, November 1996 B:Hibbert, HJ: Himmelroich, P.: Elabert B: B: Exemple B: November 1996 Numbert A:124 B:Hibbert A:15 B:Hibbert B:Hib
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A:Molecule type: DNA
A:Residoes: 1-1802 cHIM.
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April 1972 April 1973 | 1974 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1975 | 1
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CrSpecies: Dictyostelium discoideum
CrDato: 15 Oct. 1999 #sequence_revision 15-Oct 1999 #TeXt_change 15-Oct-1999
N:Alternate names: hybrid histidine kinase DHKB
C:Species: Dictyostelium discoideum
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A:Note: the nucleotide sequence was submitted to the EMBL Lata Library, Ampust 1995
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A:Residnes: 1 1848 - HIL:
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R:Ebou, K : 'akrajawa, K.: Emi, S.E.: Firicl, P.A.
Mol. Cell. Bjol. 15, 5645-5656, 1995
                                                                                                                                                histidine kinase bemoleq LHKB - glime model (Lietycetelium
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A: Residues:
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Authorized problems. The model of the AyMorepoile types DNA
                         Artitle: Existence of at least five interleaking morecules Arketerence number: 154512; MULD:93807791
Arkeession: 16861 Arkeession: 16861 Arkeession: 16861
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CrSpecies: Mus musculus (house mouse)
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StKeywords: SMA blodling transcription regulation; zinc finace
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A; Reference number, Z17801
A;Accession: T13857
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C,Keywords: protein kinase; transmembrane protein
E:1841-1964/Bomain: response regulator homology <RKH
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A:Molecule type: DNA
A:Residues: 1-1969 (SIN)
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A:Reference เมแต่ง : 216596, 2016:98248997
A:Accession: โบหหวัร
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CiAccession: 108875
                                                                                                                                                          R; Matesans, F.; Alcina, A.; Pellicer, A
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1901.0%; Pred. No. 01.054;
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napin - Swedish tarnip (tradments)
C:Species: Brassica napus var. rapitera (Swedish turnip, rutabaga)
C:Dato: 31 May 1991 #response represent 2 May 1991 #text_classe 12 Agr 1995
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A:Molecule type: DNA
A:Residnes: 1-123 *FRE
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A:Reterence number: $27397; MOTD:93093164
A:Accession: $27397
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C:Species: Rattus norvegicus (Norway rat)
C:Date: 22 Nov 1993 *sequence_revision of Sep 1995 *text_change 24-Sep-1999
C:Accession: S27397
R:Freund, J.N.: Boukamel, R.: Benazzouz, A.
FERS Lett. 814, 163-166, 1992
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A:Accession: A37931
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Carlsberg Res. Commun. 54, 231–239, 1989
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S27 (97
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Pribabatics:
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A:Residues: 1-124 - SVE
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"Row to dide sequences of cortypostellam discorda an developmentally resoluted vidAs inch in (AAC) imply proteins that contain crusters of asparagine, ulutamine, or threenine.";

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                                                                                                                                                                                                                                   KEPEAT
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SMART: SMOOEZO: WD40: 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Dietybb; bb05007;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EMBL: X16524; CAA34531.1; -. PIR: S05357; S05357.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           or send an email to licensemisb-sib.ch).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       outilies requires a incuse agreement (see http://www
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MURLINE 968065348; PubMed 2511421;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        bictycatelium discoidemm (Slime mold).
Enkaryeta. Mycctazza, bictyosteliida; bictyostelium.
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16-001-2001 (Rel. 40, Last annotation update)
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MISCELLANDORS: SEVERAL PROTEINS DERIVE FROM AACHRICH MRNA, WHICH,
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FOR ARTIN, MINISTRUCT WE BLILDER (LEFALL MACANA).
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lov.us; Fred. No. 6.7e-05;
                        GLN-RICH.
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2: 87EH144BAOD1B787 CRC64:
7B5AE61228D0A1A9 CRC64;
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Best Local Similarity
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HMP6_MOUSE STANDARD:
P20722;
ol-FEB 1991 (Rel. 17, Created)
                                                                                                                                                                                                                                                                                                                                              this SWIRS PROF entry is experient. It is produced through a collaboration between the SWIRS Institute of Richitormatics and the EMBL outstation the EDIOpean Richitormatics Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for estimate its not removed by and for estimate its not removed by and for estimate in the statement of several profits and the estimate its notations are removed.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           "Cloning and characterization of the mouse tob gene.":
deno 191:109-113(1997).
FUNCTION: ANTI-PROLIFERATIVE PROTEIN THAT INTERACTS WITH THE ERBB-
12 PROTESH TYP-31ME FORACT MAY FOWER AND A FUNCTIONALLY
INTERACT WITH PROTEIN TYPOSINE EINACE RECEIVES (BY SINILARITY).
                                                                                                                                                                                                                                         PROSTE: PSOUPOUS BIG_1: 1. PROSITE: PSOUPOUS BIG_2: 1. PROSENCE BIG_2: 1. Phosphorylation
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0)-NoV-1997 (Rel. 35, Last sequence update)
16-021-2001 (Rel. 40, Last annotation update)
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061471;
                                         M SET
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NCBL_TaxiD 10990;
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Plant PF0[21]; Anti-prodiferat; 1.
                                                                                                                                                                                                                                                                                                              MoD: MGI:1449721: Tob1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDLINE:97354302; PubMed-9210596;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus dusculus (Mouse)
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                                                                                     CBC LANGUAGENCE
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281
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NOU.U%; Pred. No. 8.082#
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POLY -GLN.
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InterPro: IPROG2400: GF_cysknot.
InterPro: IPROG1839; TGF-bet4.
InterPro: IPROG18111: TGFL N.
Pram: PFORO19; IGF-bet3: 1.
Pram: PFORO19; IGF-bet3: 1.
PRANS: PROG048; TGF-bet4: 1.
PRODOM: PMOD0457; TGF-bet4: 1.
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J. Cell Biol. 126:1595-1609(1994).
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Enkaryota, Metazoa, Cherdata: Chandata: Vertebrata: Estecheostomi:
Mammalia: Entheria: Rodontia: Sciuronhathi: Muridae: Murinae: Nus
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SECTIONE E 77 510 PR M N.A. MEDITINE 89282810: PabMed 2744807
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Mamm. Genome 8:212-214(1997).
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MEDIJUE 91/75533; PubMed 8089189;
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15-DEC-1998 (Rel. 37, Last annotation update)
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                                                                                                        or send as email to liceuse (isb sib.e)).
                                                                                                                                   use by non-profit institutions as long as its content modified and this statement is not removed. Usage by an entities requires a license a_1(r) \cdots (r) = (r + r)^2 + r^2
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Submit ted (DEC-1994) to the EMBL/S of a logarity Lalabase.

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-AND PROGRESCION THROUGH MITCHIS, IS AN ESSENTIAL CHEE BINGS TO
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                                                                                                                                                                             the European Bioinformatics Institute. There are no restrictions on
                                                                                                                                                                                             This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss institute of Bioinformatics and the EMBL outstation.
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FUNCTION: THIS TRANSMEMBRANE GLYCOPROTEIN IS INVOLVED IN THE CONTROL OF CHOLECTERAL BLICKYNTHESIS. IT IS THE FATE LIMITING HICKNESS OF THE STEROL BIOSENTHESIS.

FORTALTIC ACTIVITY. (B) HAVALONAL + COA + 2 HADP(+) (S) +3 by from 3 math, left daryl CoA + 2 HADPH.

FARIHWAY FINALESTEROL BIOSENTHESIS.
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61-FBH-1994 (Rel. 28, Liast sequence update)
61-FIB-1997 (Rel. 35, Liast sequence update)
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"Similarity of the product of the Drosophila neurogenic dene b q
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This SWISS-PEOF entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMMI outstation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  HRAIN" DEVELOPMENT.
-1- SUBSELLHAR LOCATION: Integral membrane protein.
-1- SIMILABETY: HIDDENOS FOR THE MARZAGUARCHIN FAMILY (IC 1.A.B)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   P23645;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TRANSMEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       InterPro: IPR000425; MIP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PIR; $09699; $09699
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Nature 345:163-167(1990).
                                                                                491 10000000000 501
                                                                                                        216 Τουρομορορορο 226
ΕΠΙΤΙΤΙΤΗΤΗ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SAIM Son Zonald
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Melazoa: Arthropoda: Iracheata, Hexapoda, insecta:
                                                                                                                                                                                                                                                                                                                                     700 AA;
                                                                                                                                                                                               Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CAR27863.1;
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167
208
234
273
451
                                                                                                                                                                                                                    100.0%;
                                                                                                                                                                                                                                                                                                                                     76951 MW;
                                                                                                                                                                                                                    4.7%; Score II; DB ];
100.0%; Pred. No. 0.0047;
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                                                                                                                                                                                                                                                                                                                                                                                                                      Poly-GLN
                                                                                                                                                                                                                                                                                                                                     1390A683F96D5B6B CRC64;
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                                                                                                                                                                                                                                                  Length 760;
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YMM1_CAEEI

YMM1_CALEL P34489;

01-FEB-1994 (Rel. 28, Created) 01-FEB-1994 (Rel. 28, Last Sequence update)

STANDARD;

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Best Local :
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Bontield J., Burton J., Connell M., Copsey T., Cooper J., Coulson A.,
Charlet M., Seit S., B. Cornell M., Copsey T., Cooper J., Coulson A.,
Fulton L., Cardner A., Groen P., Hawkins R., Hillfor L., Lior M.,
Johnston L., Jones M., Kershaw J., Kirsten J., Laisster N.,
Laterillo P., Eightnier J., Lloyd C., Bentimere B., C'Callablas M.,
Farrens J., Percy C., Wilton L., Percy A., Sunders P., Staakeus B.
Sins M., Smoldon N., Smith A., Smith M., Sandhammer E., Stelen P.,
Sulston J., Thierry-Mied J., Thomas K., Vandin M., Varqhan K.,
Watchlon R., Watson A., Weinster E., Wilkins E. Sprat J.,
Watchlon R., Watson A., Weinster E., Wilkins E. Sprat J.,
Watchlon R., Watson A., Weinster E., Wilkins E. Sprat J.,
Webberger M., Watson A., Weinster E., Wilkins E. Sprat J.,
Webberger M., Watson A., Weinster E., Wilkins E. Sprat J.,
Weinstein R., Watson A., Weinster E., Wilkins E. Sprat J.,
Weinstein R., Watson A., Weinster E., Wilkins E. Sprat J.,
Weinstein R., Watson A., Weinster E., Wilkins E. Sprat J.,
Weinstein R., Watson A., Weinstein R., Wilkins E. Sprat J.,
Weinstein R., Watson A., Weinstein R., Wilkins E. Sprat J.,
Weinstein R., Watson A., Weinstein R., Wilkins E., Wilkins R.,
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Weinstein R.,
                                                                                                                                                                                                                                                                                                                                                                   Of orrely96 (Ref. 34, Created)
OutPil996 (Ref. 34, Last sequence update)
16-octPi2001 (Ref. 34, Last amputation update)
Probable scring/threshine protein Kibase YNLIGIW (EC 2.7.11.).
YNLIGIW SE NI727.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      the European Bioinformatics Institute. There are no restrictions on use by non-profit institutions as long as its content is to no modified and this statement is not removed. Usade by and her commune entitles requires a libense addressed. (See https://www.ict.edu/profit.com/seed/analytics/addressed.)
MEDLINÉ 96287653; PubMed 8686380;
Nasr E., Becam A.-M., Horbert C.J
                                                                                                                                                                                                                                                                                             Sacobaromycos cerevisiae (Baker's yeast)
Eukaryota: Fungi: Ascompedia. Saccharomy
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Hypotherical protein SEQUENCE 7:2 AA: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SIRAIN BRISTOL N2;
MIDLINE 94150718; Pabmod 7906398;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Khahditidae, Peloderinae; Caemorhabditis.
MCBC_lawID 628;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Caemorhabditis elegans
                                                                                   TAL / CRRTS KIVALS
TV'N Meal CLANSHÖRS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              P53894;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pfam: PF02181; FH2; 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     InterPro: IPR000822; Znt-c2H2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE TROS N.A
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Hypothetical 81.8 kDu problem KCLMC.1 in chromosome III.
                                                                                                                                                                                                                      With Taxin Asset
                                                                                                                                                                                                                                                         Sarcharomycetales, Saccharomycetaceae; Saccharomyces
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     KNOL YEAST
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SMARI:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            WormPep: K01B6.1; CE00238.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Nature $58:32-38(1994).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           114 | 10000000000 | 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              216 100000000000 226
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        840759; 810759.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mh of configuous incleatide sequence from chromosome fif of O
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SMOD458: FH2; 1.
SMOD455: ZnF_C2H2; 1.
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                                                                                       7 PY1679
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        Herbert C.J.;
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100.0%; Pred. No. 0.0049;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DRT;
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                                                                                                                                                                                                                                                                                             The figure
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                                                                                                                                                                                                                                                                                           Query Mutch
Best Local Similarity
                                                             COTECH:
01 Oct 1993 (Rel. 27, Greated)
01 Oct 1993 (Rel. 27, Last sequence update)
01 Oct 1993 (Rel. 27, Last sequence update)
16 Oct 2001 (Rel. 40, Last annotation update)
DNA-binding protein SATBI (Special AT-rich sequence binding protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     This SWISS FROM entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation the Baropean Bioinformatics Institute. There are no restrictions on its use by non-pealit institutions as how as its content is in no way modified and this statement is not removed. Usage by and for commercial cuttions replaces a license agreement (See http://www.leb.sil.elg/innounces/
                                                                                                                                                                                                                                                                                                                                                           NOT_SITE
                                                                                                                                                                                                                                                                                                                                                                                                                                  NIVERCE
NIVER
Homo Sapiens (Human).
Bukaryuta: Metazua: Cherdata: Craniata: Vertebrata: Buteleastomi:
Mammalia: Butheria: Primates: Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Interfree IPRO02290; Set_thr_pkinase.
Plan; PF00069; pkinase; 1.
Plan; PF00433; pkinase_C; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HSSP: P05132: 18KX.
SGD: SH005105: YNL161W.
LEECUST'S F.L.Lina
InterPro: IPROBO951: PKindse_C
                                                                                                                                                 SAIL HUMAN
                                                                                                                                                                                                                                                                                                                                                                                                                      NIVMORT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NIVMER
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AlP binding.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      which encodes a protein similar to the buman myotomic dystrophy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 "the sequence of 86.8 kb from the left arm of chromosome XIV reveals of complete open reading frames; 18 correspond to now genes, one of
                                                                                                                                                                                                                                                    216 100000000000 226
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                                                                                                                                                                                                                       236 ΤΟΦΟΦΟΦΟΦΦΦ 246
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                                                                                                                                                                                                                                                                                  Conservative
                                                                                                                                                 STANDARD:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            BELLONGS
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164
232
250
672
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381
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                                                                                                                                                                                                                                                                                                                                                            86946 MW;
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                                                                                                                                                                                                                                                                                   0
                                                                                                                                                                                                                                                                                                Score 11; DB 1;
Pred. No. 0.0051;
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POLY SER.
POLY GLN.
                                                                                                                                                                                                                                                                                                                                                                            BY SIMILARITY
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ATP (BY SIMILARITY).
ATP (BY SIMILARITY).
                                                                                                                                                 87EBCD2C3C96EE11 CRC64;
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                                                                                                                                                   763 AA.
                                                                                                                                                                                                                                                                                                              Length 756;
                                                                                                                                                                                                                                                                                   Gaps
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site recognition.";
coll 70:631-645(1992)

DESCRIPTION N.A.

MEDIJNE 92370684; PubMed 1505028; Dickinson U.A., Joh T., Kohwi Y., Kohwi-Shiqematsu T.; "A tissor specific MAB/SAP (NA-binding protein with unusual binding

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                         MIRITAR 94159857; PubMed 8114718; MAP From F. F. Felbyl vir Firstner L.A. Felbyl vir statedment "A novel bunk binding methf in the nuclear matrix attachment binding protein SATBL.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mus musculus (Mouse).
Eukary ta: Mctaroa; Chordata,
Mammalia; Eutheria; Rudentia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16-00T-2001 (Rel. 40, Created)
16-00T-2001 (Rel. 40, Last segrence update)
16-00T-2001 (Rel. 40, Last segrence update)
16-00T-2001 (Rel. 40, Last segrence)
16-00T-2001 (Rel. 40, Last segrence binding protein
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         This SWISS-PROT entry is copyright. It is produced through a collaboration between the SWISS Institute of Biointormatics and the EMBL outstation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PROSTIE: PS00027: HOMEOBOX_1: FALSE_NEG. PROSTIE: PS50071: HOMEOBOX_2: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     or send an email to licensedisb-sib.ch).
                                                                                                                                                                                                                                                                                                    Mol. Cell. Biol.
-!- FUNCTION: BI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE FROM M.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NCB1_tax10 10090;
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    This SWISS-PROF entry
                                                                              -1- SIMILARITY, BELGNOS TO THE OUT FAMILY OF HOMEOBOX ENGIETRS.
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SIMILARITY: BELONGS TO THE CUT FAMILY OF HOMEOBOX PROTEINS
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                                                                                                                     SUBCELLULAR LOCATION: Nuclear SIMILARITY: CONTAINS 2 CUT LOB
                                                                                                                                                                                                        MATRIX- OR SCAFFOLD-ASSOCIATED REGIONS. THOUGHT TO RETHE SUGAR-PHOSPHATE STRUCTURE OF DOUBLE-STRANDED DNA.
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100.0%; Pred. No. 0.0051
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is copyright with the lite
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Selurognathi; Muridae; Murirae; Mu
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    is produced through a collaboration
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Matches 11;
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Bust Lucal :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    01-NOV-1995 (Rel. 32, Created)
91-NOV-1997 (Rel. 35, Last sequence update)
16-00T-2001 (Rel. 40, Last annotation update)
Aryl Eydromarbon receptor naclear translecator (ARNT protein) (Plexin receptor, nuclear translocator) (Hypoxia inducible factor libera)
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InterPro: IPR003350; CUT.
LoterPro: IPR003356, HomesBeak.
Pfam: PF02376; CUT: 2.
                                                                                                                                                                                                                                                  Carver L.A., Hogenesch J.B., Bradfield C.A.; "Tissue specific expression of the rat Ah receptor and ARNI mRMAS.": "Nucleic Acids Res. 22, 1038-2044(1944).

HIGHER ACIDS RES. 22, 1038-2044(1944).

HOWETION, RECEPTOR. 8044(1954).

HER TOWNTION, RECEPTOR. THE RESERVE STREET OF SEAUCHOMES. THE STREET THE OFFICE STREET THE OFFICE ACIDS AFTER LICANS FINITION. THE ACIDSATION OF A GENES INVOLVED IN THE ACIDSATION.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciuroquathi; Muridae; Murinae; Aut
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MIDLINE 94344763; PubMed-8065918;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRAIN-WISTAR;
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SCHUNGT, EFFICIENT DAM SUNDING RESCHRES DIMERICATION WITH AMOGHER BREEF PROPERTY, FORMS AN HETTER CHIMER WITH AHR, WITH HIFTA AS WELL AS WITH STHER BILLI PROTEINS.
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Fred. No. 0.0051
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I SIMILARITY, RELEARS TO THE BASIC HELIX LOOF HELIX (BBLH) FAMILY OF TRANSCRITTION FACTORS.

1. SIMILARITY CONTAINS I PAS (PER ARMI-SIM) LIMBRITATION DOMAIN.

1. SIMILARITY CONTAINS I PAS ASSICIATES C TERMINAL (FAC) DOMAIN.

SUBCELLULAR LOCATION: Nuclear

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Best Local Similarity
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NI VWOOI
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                                                                                                                                                                                                                                                                                                                                                                                      LEN ME
MEDLINE (0.81794); PubMod 8427450
                                                                                                                                                                                                                    Eukaryota; Metazoa; Arthropoda; Tracheata; Hexapoda; Insecta; Eterygota; Neoptera; Endopterygota; Diptera; Erachycera; Muscomorpha;
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Ptam: PF00989; PAS;
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                             SEQUENCE FROM W.A., AND SEQUENCE OF COS 400,
                                                                           "Molecular cloning and functional analysis of Drosophila TAFIIO reveal properties expected of exact ourses.":
                                                                                                                                  MELILINE 9314532F; PubMed 7678780;
                                                                                                                                              HISSUE Embryo:
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                                                                                                                                                                                                       Ephydroidea: Drosophilidae: Drosophila
                                                                                                                                                                                                                                                    Prosophila melanogaster (Fruit fly)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      the European Bioinformatics Institute. There are no restrictions on use b_{\rm F} non-profit institutions as long as its content is in no modified and this statement is not removed. Usage by and for commer
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The domina services of the Communications of the Communications
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                                                                                                                                                                                                                                                                                           EMBL; 1.06861; ; NOT_ANNO EMBL; S63550; AAB27433.1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                   or send an email to licensewisb sib.ch).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       "The genome sequence of Drosophila melanogaster."; Science 287:2185-2195(2000).
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V., Borman B.P., Bhandari D., Bolshakov S.,
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Transcription regulation: Nuclear protein.

SMAKE, SM00549; FAFH; 1 InterPro: IPR003894; TAF_hom FlyBase: FBqn0010280; Tafilo TRANSFAC: T02121;

AE003528; AAF49536.1;

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Ephydroidea: Drosophilidae; Drosophila.
NCBL_TaxID 7227:
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"The discs-large timor suppressor gene of Prosophila encodes quanylate kinase homolog localized at septiate junctions.", Cell 66:451-464(1991).

i. PHW(TON) 1028 OF THIS PROMETER CARGES (ARCHIVERTED).
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                            InterPro: IPRO01478; PDZ.
InterPro: IPRO01452; SH3.
                                                                               FlyBase; FBqn0001624; dlql.
InterPio: IPR000619; Guanylate_kin.
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                                                                                                                                                                                                                                                                     or send an email to license isb sib.ch).
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SUBCRELIDILAR LOCATION: CYPTOSKRELETON ASSOCIATED, LOCATED AT THE
TYPTOLICAMILE FACE OF THE MEDISANE IN THE COLUMN RELACIONATE TO FORM
BECOMES ASSOCIATED WITH SEPTAME DINCLOUS WHICH BECTHE TO FORM
HELWEEN EPITHELIAL CELLS AT THE LIMB OF DOKSAL CLOSURE. IN ADD
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       RX MEDITAL PROCESSION FOLDMENT SEED HOLL K.A., EVERS C.A., CONSYDE J.D.,

KA Adams M.D., Colnikor S.E., Holt K.A., Evers C.A., Consyde J.D.,

KA Adams M.D., Colnikor S.E., Holt K.A., Evers C.A., Consyde J.D.,

KA Adams M.D., Colnikor S.E., Holt K.A., Evers C.A., College S.M.,

KA Adams M.D., Colnikor S.E., Holt K.A., Andrews M., Holtitor K.D.,

RA Consyde R.A., Levis S.E., Holtitor S., Andrews Hollikor M., Holtitor M.D.,

KA Shiton G.G., Wortman J.K., Yandoll M.D., Zhang Q., Chenge M., Proliter M.D.,

KA Brandon K.M., Kodors Y.-H.C., Holtic J., Nolson C. W. Mikios G.L.,

KA Man K.H., Levis G., Houter E., L., Holt C., Nolson C. W., Mikios G.L.,

KA Man K.H., Levis G., Houter M., Holt J., Andrews Hollikosh C., Haldwin B.,

KA Man K.H., Levis G., Houter M., Holtic W., Mikios S.,

KA Maria J.F., Adams D.A., Hart M., Cadion E., Conter A., Chandra L.,

KA Burtis K.C., Husam D.A., Hutler H., Cadion E., Center A., Chandra L.,

KA Dedson K., Levis C., Levis M., Holtic M., Dew J., Hottlor B.,

KA Doublin K.J., Evaluellista C.C., Fortaz C., Fortaz C.,
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Best Local Similarity 100.0%; Pred. No.
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Pfam; PF00018; SH4: 1.
SMAW1 : SH00228; PDZ; 4.
SMAW1 : SM00228; PDZ; 4.
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Q1-MARc 2002 (Rel. 41, Created)
Q1-MARc 2002 (Rel. 41, Last sequence update)
Q1 MAR 2002 (Rel. 41, Last annotation apate)
Bunched protein, class 2/class 3 isoforms (Shortsighted protein)
BUN OR 2BS OR GC5461.
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Pteryaota: Neoptera: Bidopteryaota: Diptera: Brachyeera: Mascomorpho.
Ephydroidea: Drosophilidae: Drosophita.
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"Shortsighted acts in the decapentapleuic pathway in incoophila eye
development and has beinglogy to a mouse EGF-beta-responsive dene.":
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Hostin b., Houston K.A., Howland J.J., Wei M.-H., Ibeqwam C.,
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FA Millell X., Ealish F., Earpen G.R., Fr. T., Frenken F.A., Erleham F.A.,

RA Kimmol B.E., Rodina C.E., Kraff C., Kraff S., Kulp D., Lai Z.,

RA Linger P., Ici Y., Lovilsky A.A., Kill, M. E., Liang Y., Lio X.,

RA Hinker P., Ici Y., Lovilsky A.A., Kill, M. E., Liang Y., Lio X.,

RA Horbuley C., Milshima K.P., Mobarry C., Morris J., Moshrefi A.,

RA Horbuley C., Milshima K.P., Mobarry C., Morris J., Moshrefi A.,

RA Horbuley C., Milshima K.P., Mobarry C., Morris J., Moshrefi A.,

RA Palazzolo M., Mitthan C.S., Pan S., Pollard J., Puri V., Rocse M.G.,

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RA Shuc B.C., Siden-Klamos I., Stapson M., Swipski M.P., Smith T.,

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RA Shice B.C., Siden-Klamos I., Stapson M., Swipski M.P., Smith T.,

RA Shice B.C., Siden-Klamos I., Weinstock C.M., Weissenbach J.,

RA Williams S.M., Woodage T., Worley K.C., Mu D., Yang S., Yao Q.A.,

RA Yell, The K. F., Sizeri I.S., Millell M., Shau G., Shu A., Smith H.J.,

RA Chang M.F., Morre S.M., Rubin C.R., Veccer J.C.,

Rather M. M., Shua A., Millell M., Shua A., Smith H.J.,

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Protom; P0007152; TSC-22_Dip_Bun; 1.
PReSITE; PS01289; TSC22; 1.
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InterPro; IPE000580; TSC-22_Wip_Pun.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  use by non-profit institutions as long as its content is in modified and this statement is not removed. "State by and for w
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     entities requires a license agreement (200 http://www.ish.sib.ch.non.onco.
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MEDLINE 92107930; PubMed-1662390;
Hariharan LK., Chuang P.-T., Rubin G.M.;
Publing and characterization of a receptor-class phosphotyrosine [hosphatact team expressed on Medial acrosma eyetem axons in [hosphatact teamogaster."]
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Pteryjota, Necptera, Endopterygota, Diptera, Brachycera, Muscomorpha
Ephydroidea; Drosephilidae; Drosephila.
NDBI_TaxID 7227:
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01-MAR 2002 (Bel. 41, Last ansotation update)
Protein tyresine phosphatase 99A presument (EC 3.1.3.48) (Receptor
                                                This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Riginformatics and the PMRI outstation -
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            the European Bioinformatics Institute. There are no restrictions on use by non-profit institutions as long as its content is in no
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## Pred: No. 0.0078;
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Q ** 202 (IN REF. 1).
Q VISA - IS (IN REF. 2).
MN, 5925A9159A7051B0 GRG64;
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use by non-profit institutions as long modified and this statement is not removed.

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          InterPro: IP8093961; FN_[11]
InterPro: IP8093962; FhIII_repeat.
InterPro: IP8090987; TWr_phosphatase.
InterPro: IP8099242; Tyr_prot_phphrase.
Priam: PP00101; In3; Z.
Priam: PP00102; Y_ph. vf. Y. J.
PRIMIS: PR00700; PRIYTHPHIASE.
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F84675;
01-021-1596 (Rel. 34, Created)
01-021-1596 (Rel. 34, Last sequence update)
16-021-2001 (Rel. 34), Last annotation update)
F46871-2001 (Rel. 34), Last annotation update)
F4688phatidglinosital (*kinase 3 (EC 2.7.1.137) (F14-kinase)
(F040105 **kinase) (F148) (Fraument).
F186 08 F184.
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PROSTIE: PS50056; TYK_PHOSPHAIASE_2; 1
PROSTIE: PS50055; TYK_PHOSPHAIASE_PIP;
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SMARI; SM00194; PTPc; 1
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M80454; AAA28486.1;
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ETHROMECIEN TYPE 111 2.

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Interfro; IPROUZ420; PHK,"22.
Interfro; IPROUB44; PHK, ras, bind
Interfro; IPROUL263; PHKA.
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[8042] MW; 468986201248496]
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lod.0%; Fred. No. 0.0099;
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Nucleic Arids Pes 24.628.634(1996)
Mus museulus (Mouse).
Enkaryota: Metazoa: Chendata: Craniata:
                                                                                                                  Alpha-fetoprotein enhancer binding protein (AT motif-binding factor) (AI-binding transcription factor 1).
                                                                                                                                                                                           16-pril-2001 (Rel. 40, Created)
16-pril-2001 (Rel. 40, Last sequence update)
16-pril-2001 (Rel. 40, Last annotation update)
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MEDILINE OFFTT562, F.LMG-F.RGAGGG
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NCHO TaxiD 2104:
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16-ort-2001 (Rel. 40, Last annotation update)
Hypothetical profein M6468 homolog (K05_ort1882).
MPN684 ok MP158.
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PROSTITE PROBOQUES RIMCTRINGER_C2H2_1; 15.

PROSTITE: PROBOUSES, RIMCTRINGER_C2H2_2; 9.

TRANSITE: PROBOUSES, RIMCTRINGER_C2H2_2; 9.

TRANSITE: PROBOUSES, RIMCTRINGER_C2H2_2; 9.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            use by non-profit institutions as long as its content madified and this statement is not removed. Usage by an exclusive typeles a fitness attended to CUTP ([Association or send an email to licensesisb-sib.ch)).
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SMART: SMC0255; CLE_COBC, 22
SMART: SMC0451; CLE_UI: 7.
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NCB: TaxID-10090;
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Flam; PP00056; z1-C2H2; 20.
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Bashimoto I., Morinaga T., Nishi S., Tamaoki E.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                   InterPro: IPR001856; Homeobox. InterPro: IPR003604; EnF_Ul.
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Ephydroida: Drosophilidae: Drosophila.
NCH_lax1D 7244:
SMAKI; SM00542; FYRC; 1.
SMAKI; SM00541; FYKN; 1.
SMAKI; SM00249; PHD; 4.
SMAKI; SM0050B; Post SEI; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                              the European Bioinformatics Institute. There are no restrictions on use by sem-profit institutions as long as its content is in modulated and this statement is our removed. Usage by and for common entities requires a license parceage. (As it! I was it by it decimes
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16-oct-2001 (Rel. 40, Last sequence update)
01-MAR-2002 (Rel. 41, Last annotation update)
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InterPro: IPR003889; Fyrich C.
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HSSP: P19793;
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Q05095;
EMBL: M91450;
RSSP: P14653;
                             This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss institute of Bioinformatics and the EMBL outstation the European Bioinformatics institute. There are no restrictions on its use the by non-polit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial collections in the content of the statement is not removed. Usage by and for commercial collections are the collections.
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SMART: SMO0495; ZEF; 1.
PROSITE: PSS02805, SET: 1.
Transscription regulation. Zinc finger: Metal-binding: iNA-binding:
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Mol. Cell. Biol. 9:2034-2041(1989).
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This SWISS FROM entry is copyright. It is produced through a collaboration
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iii-NPV-1997 (Rol. 35, Last annotation update)
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Bukaryata: Metaroa: Arthropoda: Tracheata: Nozapoda: Insecta:
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P1R; $13803; $13803.
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                                                                                                                                                                         between the Swiss Institute of Bioinformatics, and the EMBL outstation
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                                                                                                                                                                                                                                                                                                                                                                                                "Isolation of an abdominal A gene from the locust Schistocerca
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LiterPro: 1F8093677; EUF148
Ptam: PF03520; DUF148; 1.
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Exp. Parasitol. 77:414-424(1993).
-! IISSHE SPECIFICITY: HIGH LEVELS IN THE HYPOGENAAL TAYPE OF THE
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bradley J.E., Inan R.S., Shepley K.J., Tree L.L.M., Maidele M.M.,
Helm R., Grevery W.F., Unnasch L.K.;
"Onehoderea volvahus: characterization of an immunodominant
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"Existration of gradual exists for four books, 2 molecules in different
mouse strains.";
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P04351; P97945;
                "Definition and spatial location of mouse interlockin-2 residues that interact with its heterotrimeric receptor."; EMBO J. 12:5118-5119(1999).
                                                                    Zurawski S., Vega F. Jr., Peyel E.L., Buyahe B., Flaherty K.
McKay U.B., Zurawski G.:
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cDNAs.";
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Lew E.J. E., Dietker M.D., Greene F.C.;
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from wheat (Friticum aestivum).";
Proc. Natl. Acad. Sci. U.S.A. 8134712-4716(1984).
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Submitted (MAR-1994) to the EMBL/GenRonk/DDEL databases.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Drosophila iki (Fruit fly).
Bukaryota; Motazoa; Arthropoda; Traobosta; Hoxapoda; Insecta;
Preryoda; Neopiera; Budopieryyota; Diptera; Brachycera; Miscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
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IDEEL APPRIESE: AACTESELL)	J. Neurosei. 19:4189-4199(1999).	prost springs for density of 2000 Array of the past against the simple of "a	LIN-7 homologs enriched at brain synapses in association with the	"Characterization of MALS/Velis-1, -2, and -3: a family of manualian	GO K., Derin K., Li M., Bradt D.S.,	MEDLINE 99274724; PapMed 10341223;	SECUENCE PROMINIA.	[3]	odein 15.0 0(1997).	Rousset R., Fabre S., Desbois C., Bantiquies F., Jalinot P.;	SEQUENCIA OF 30 233 FROM M.A.	[2]	CCL1 91.773 782(1998).	brain.";	poten	Butz S., Okamoto M., Sudhof F.C.;	MEDILINE 98424216; PubMed 9754924;	TISSOE (TESTIS)	SEQUENCE FROM N.A.		NCBI_TaxID_9606;	Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.	Eukaryota: Metazoa; Cherdata: Craniata; Vertebrata: Euteleostomi;	Homo sapiens (Human).		VELL 1 (TAX INTERACTION PROFEIN 33) (FRAGMENT).	(TrEMBLrel. 19,	(TrEMBLrel. 10,	01-JAN-1998 (TremBire). 05, Created)	014910;	014910 PRELIMINARY; PRT; 233 AA.	110	OLT 1

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                                                                                                                                                                                Query Match 79.8%; Score 186; DB 11; Length 2 Best Local Similarity 102.0%; Pred. No. 3.2c 179; Matches 186; Conservative 0; Mismatches 0; Indels
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Best Local Similarity
Matches 233, Couleur.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              kattus norvegicus (Rat).
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata, Buteleostomi;
Mammalia; Butheria; Rodentia; Sciercanathi; Muridae; Marinae; Rattus.
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01-MAY-1999 (TrEMBLrel. 10, Last sequence or
01-DEC 2001 (TrEMBLrel. 19, Last annotation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            "Isolation and characterization of mammalian homologues of Chemorhabditis elegans lin 7: localization at well cell junctions. Oncodene [8:2811-2817(1999)].
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Ptam: PF00595; PDZ; 1.
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HSSP: Q12923; 3FDZ.
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SEQUENCE 233 AA; 25497 MW;
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                                                                                                                                                                                                                                                                                                                                                                                                                    PROSTIE: PS50106: PDZ: 1.
SEQUENCE 219 AA; 24549 MW;
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Trie M., Bata Y., Dequehi M., Ide N., Hirao K.,
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40 CESSEVPVEKIQSEKVELSSEFCTAISEVVQYMUETITVA-5-F-KAKALAKAIVAA-AA 99 (ESSEVPVEKIQSEKVELSSEFCTAISEVVQYMUETITVA-5-F-KAKALAKAIVAA-AA 99 (ESSEVPVEKIQSEKVELSSEFCTAISEVVEKIGETTTA-5-F-KAKALAKAIVAA-AA 99 (ESSEVPVEKIGSEKVEKIGSEKVEKIGSEKVEKIGSEKVEKIGTAISEVVEKIGTAISEVVEKIGTAISEVVEKIGTAISEVVEKIGTAISEVVEKIGTAISEVVEKIGTAISEVVEKIGTAISEVVEKIGTAISEVAA-AA 99 (ESSEVPVEKIGTAISEVEKIGTAISEVVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKITAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGTAISEVEKIGT
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AF173081;
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100.0%; Pred. No. 1.4e-226;
Lind C. Nismithites A.
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                                                                                                                                                                                                                                                                                                                                                                                                                    6BB6A4AFC5C1EC74 CEC64;
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                                                                                                                                                                                                                                                                             Length 219;
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InterPro: IPR001478, PDZ.

Pfam: PF002828; L27; 1.

Pfam: PF00595; PDZ; 1.

SMART: 8M00228; PDZ; 1.

PRo/SITE: PS50106; PDZ; 1.
                                                                                 01 OCT 2000 (Trimblrel, 15, Created)
01 OCT 2000 (Trimblrel, 15, Last Sequence update)
01 OCT 2000 (Trimblrel, 15, Last Sequence update)
01 DEC 2001 (Trimblrel, 15, Last Sequence update)
01 DEC 2001 (Trimblrel, 15, Last Sequence update)
CDNA FLJ11215 FIS, CLONE PLACEE0008000, WEAKLY SIMILAR TO CHANNEL
ASSETIATED PROTEIN OF SYNAPOR 110 (VERTEDRATE DEMOCRE OF C. FILEGANS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE FROM N.A.
MECLHE 99289097, PulMcd 10362251;
Trie M., Hata Y., Deguchi M., Ide N., Hirao K., Yao I.,
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Mammaila, Butheela, Rodentia, Sciurognathi, Maridae, Maribae, Battus
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01-MAY-1999 (TrEMBLED: 10, Last sequence update)
01-EEC-2001 (TrEMBLED: 19, Last annotation update)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi
                           Homo sapiens (Human)
                                                            LIN-7 TYPE 3).
                                                                                                                                                                                                                                                             Q9NUP9;
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EMBL; AF090134; AAC78073.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "Isolation and characterization of mammalian homologues of Tresenbubants cleans lin ?: Levalization at cell cell junctions.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Euttus norvegious (Eat).
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                                                                                                                                                                                                                                                                                              197 AA
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01-JAN-1999 (TrEMBLrel. 09, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last tanciation update)
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EMBL: BC009774: AAH09774 1; -.
HSSP: P29476: 1QAV
SPECIES Mouse;
MERLINE 99274724; PubMed 10341223;
Jo K., Derin R., Li M., Bredt D.S.
                                                                                                       "Isolation and Characterization of Mammalian Homologues of Caemorhabditis elegans lin-7: Localization at Coll Coll Junction."
                                                                                                                                                                                                                           Butz S., okamoto M., Sudhof T.C.;
"A tripartite protein complex with the potential to couple synaptic
vestele exceptosis to cell adhesion in brain.";
[Self 94:774-782(1998)].
                                                                                                                                                                                                                                                                                                    SPECIES Mouse: TISSUE-HEART; MEDLINE 98424246; PubMed 9753324;
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                                                                                                                                                                                                                                                                                                                                                                                        Enthry (a. Metrea, Cherdata, Candinta, Verbelista, Esteleostani, Mammalla; Entheria, Rodentia; Schuronnath); Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                            Rattus norvegious (Rat).
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PROSITE: PS50106; PDZ; 1.
SEQUENCE: F97 AA, 21834 MW, 7410FGCM3EB24F45 CROSE,
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Pjam- proofst pro :
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"NEDO human chNA sequencing project ";
Substitut (FTR 2000) to the EMR(Jacasek,CTF) datables s
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                                                  SEQUENCE FROM N.A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HERON KRONGET SVNGVSVEGEHHEKAVELLKAA 163
 Derin R., Li M., Bredt D.S.;
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                                                                                      0:0-0(1999).
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Harity 100.0%; Prod. No.
Conservative 0; Mismatc
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X Saitu T., chanaki Y., Gujaberi T., Bono H., Kasakawa T., Saito R.,
Xadeta K., Matsuda H.A., Ashburner M., Bataley S., Casayant T.,
Xa I Leis J., Kan W., Landerland I., Sissi T., Filst F., Shiwa H.,
Xa Kuchi P., Lewis S., Matsuo Y., Nikaido I., Pesole G., Quackenbush J.,
RA Schrimi L.M., Staubli F., Sazuki E., Temita M., Wagner L., Washio T.,
RA Sakai E., Okido I., Farany M., Aone H., Baldarelli E., Barsh G.,
RA Blake J., Boffell D., Bojunga N., Carninci P., de Bonaldo M.F.,
RA Persestein M.J., Pult C., Flotcher C., Pujita M., Carniboldi M.,
RA Dustincich S., Hill E., Hefmand M., Hame D.A., Kamiya M., Lee N.H.,
RA Lyons P., Marchionni L., Mashima J., Maczarelli J., Mombaerts P.,
RA Sasaki H., Saito K., Schwenbach C., Soya T., Shibata Y., Storeb K.-F.,
RA Sasaki H., Saito K., Schwenbach C., Soya T., Shibata Y., Storeb K.-F.,
RA Sasaki H., Saito K., Washida E., Bias Lawa Y., Eawaji H., Elbiaki S.,
RA Havashizaki Y., Vushida E., Bias Lawa Y., Eawaji H., Elbiaki S.,
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Bost Local Sim
Matches 34:
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01-DEC-2001 (TrEMBLIE), 06, Last Sequence update)
01-DEC-2001 (TrEMBLIE), 19, Last annotation updat
                                                                                                                                                                                                                                                                                                                         088951:
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Nature 409-685-690(2001).
EMBL: AF087695; AAC78483.1; -.
EMBL: AF090136; AAC78483.1; -.
EMBL: AF090136; AAC78075.1; -.
EMBL: AF07083. AAC48502.1; -.
EMBL: AF013798; BAB24830.1; -.
EMBL: AF013799; BAB24830.1; -.
EMBL: AF013799; BAB24830.1; -.
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            "A tripartite protein complex with the potential to couple synaptic vesicle execytosis to cell adhesion in brain."; cell 94.77; 782(1998).
                                                                     MEDLINE 98424246; PubMed 9753324:
Butz S., Okamoto M., Sudhot 1.C.;
                                                                                                                                                                                    Mus musculus (Mouse).
Eukaryota, Motasoa, C
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Pfam; PF00595; PDZ; 1.
SMART; SM00228; PDZ; 1.
PROSITE; PS50106; PDZ; 1.
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Arakawa T., Baru A., E.karishi Y., Korne B., Adachi J.,
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MEDILINE 21085660; Pubmod-11217851;
                                                                                                                                                 NCBI_TaxID=10090;
                                                                                                                                                                                                                             VELIZ OR MALS-2
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InterPro: IPR001478; PDZ.
                                                                                                            SEQUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   145 BROCKERCTYLLEVNGVEVEGEBREKAVELLKAA 178
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        diarity 100.0%; Fred. No. 5.
Conservative 0; Mismatches
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                                                                                                                                                                      Chordata, Craminta; Vertebrata; Duteleostomi;
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Maachi J., Pakuda
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Plam; PF03595; FDZ; 1.
SMART; SM90228; FDZ; 1.
PR0511E: 2550106; FDZ; 1.
PF0511E: 2550106; FDZ; 1.
090201;
                                                                                                                                                                                                                                                                                                                                                         Takai Y.; "Isolation and characterization of mammalian homologues of "Isolation and characterization of mammalian homologues of Coemprabditis elegans lin 7: localization at ecil cell junctions. Our owner. 18:2811:2817(1999).
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Q98252;
Q98252;
Q98252;
Q1-NAY 1999 (TrEMBLrel. 10, Created)
Q1-DEC-2001 (TrEMBLrel. 19, Last Sequence update)
LIN-7-A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  JOSE, Detin R., Li M., Bredt D.S.; "Characterization of MAIS vells": 2 and 2 a family of marmalian LIN-7 homologs enriched at brain synapses in association with the postsynaptic density 95/HMDA receptor postsynaptic complex."; J. Neurosci. 19.4199-4199(1999).
BMBL, AF037694; AAC78882.1; -...
EMBL, AF037694; AAC78882.1; -...
                090201
                                                                                                                                                                                                                            SMART; SM00228; PDE; 1.
PROSITE; PS50106; PDE; 1.
SEQUENCE 207 AA; 22900 MW; BC6B6754B8089F1; CRC64.
                                                                                                                                                                                                                                                                            InterPro; 1PR004172; L27.
InterPro; 1PR001478; PDZ.
Pfam; PF02828; L27; 1.
Pfam; PF00595; PDZ; 1.
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[Fire M., Hata Y., Dequent M., Ide N., Hiras K., Yao I., Nightuka H.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mammalia: Euthoria; Rodentia; NCBI_Ta.10-10116.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Rattus morvegicus (Rat).
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InterPro: IPR004172, L23
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                                                                                        130 RHGGLKRGDQLLSVNCVSVECEHHEKAVELLKAA 163
                                                                                                                     145 RHGGLERGIQLLSVNGVSVEGEHHEKAVELLKAA 178
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                PRELIMINARY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11.6%, Segre 34, DB 11, 100.0%; Prod Mo 5 96-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               22914 MW.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Objectata.
                                                                                                                                                                    100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0: Mismatches
                                                                                                                                                     ...
                                                                                                                                                                  Score 34; DB 11;
; Pred. No. 5.9e-26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Craniuta, Vertebrata, Batchestomi
                PRE;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sciuroquathi; Muridae; Murinae; Rattus
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                                                                                                                                                     Mismath thes
              234 AA
                                                                                                                                                                                  Length 207;
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RA Alokawa T., Hara A., Fikanishi Y., Konno H., Adachi J., Fikida S.,
RA Alokawa T., Hara A., Nishi K., Kiyusawa H., Kudo S., Yomanaka I.,
RA Alokawa T., Jawa M., Nishi K., Kiyusawa H., Kudo S., Yomanaka I.,
RA Radela T., Shanaki Y., Gojoberi T., Rono H., Kasakawa T., Saito R.,
RA Radela T., Shanaki Y., Gojoberi T., Rono H., Kasakawa T., Saito R.,
RA Robinshi M., Gaasterland T., Gissi C., King H., Kochiwa H.,
RA Robinshi M., Shanaki Y., Nikaido I., Pasole G., Onackenbush J.,
RA Robinshi M., Shanbil F., Suzuki R., Tomita M., Wadner in, Washio T.,
RA Schrimi L.M., Slaubil F., Suzuki R., Tomita M., Wadner in, Washio T.,
RA Robinshi M., Shanbil F., Suzuki R., Tomita M., Wadner in, Washio T.,
RA Robinshi M., Shanbil F., Suzuki R., Tomita M., Wadneri M., Harsh G.,
RA Robinshi M., Shanbil F., Suzuki R., Tomita M., Wadneri M., Harsh G.,
RA Robinshi M., Shanbil F., Suzuki R., Tomita M., Watneri in, Washi M.,
RA Robinshi M., Shanbil D., Bojunga N., Carninol P., de Bonaldo M.F.,
RA Robinshi M., Shi Dali C., Fletcher C., Fulla P., Hanki M., Gariboldi M.,
RA Robinshi M., Shi Dali C., Fletcher C., Fulla D., Mombaerts P.,
RA Robinshi M., Sato K., Schoembach C., Seya T., Shibata Y., Storch K.-F.,
RA Robinshi M., Shi Dali R., Wang K.H., Weitz G., Whittsker G., Wilming L.,
RA Robinshi M., Shi Dali R., Yoshida K., Basegawa Y., Kawaji H., Kohtswi S.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ducty Batch 14.68;
Bust Local Similarit, 103.3%,
Matches 34; Conservative (
MEDLINE-20196006; PubMed=10731132;
Addms M.D. Gethiker S.E., Helt R.A., Evans C.A., Gocayne J.D.,
Amanatides P.G., S.kerer S.E., Li P.W., Hoskins R.A., Galle R.F.,
George R.A., Lewis S.E., Richards S., Ashburner M., Henderson S.N.,
                                                                                                                                                                         Drosophila melanogaster (Fruit fly).
Eukaryala, Melansa, Arthogada, Thadbala, Hazapsala, Insecta;
Pterygota, Neophera; Endopterygota, Diptora; Brachycera, Muscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
                                                                                                                                                                                                                                                                                                             09VBY7;
01-MAY 2000 (TrEMBLrel. 13, Created)
01-MAY 2000 (TrEMBLrel. 13, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last annotation updat
                                                                                        STRAIN-BERKELEY;
                                                                                                               SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                        CG7662 PROTEIN.
                                                                                                                                                                                                                                                                                                                                                                                                     Q9VBY7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MGD; MG1:1330858;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  "Functional annotation of a full-length mouse cDNA collection.";
Nature 409:685-690(2001).
EMBL, AK019299; BAB31655.1; -.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE FROM N.A.
STRAIN CSTRI, 60, TIBSUE-HIFFOCAMIOS,
MISSURE 21085660, TubMcd 11217851;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mus musculus (Mouse).
Baharyita, McLaca, Chordata, Chanlana, Vartabrata, Eltoleostomi;
Mammalla; Butherla; Rodentla; Schurognathi; Muridae; Murinae: Mus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-JUN-2001 (TrEMBLrel. 17, Created)
01 JUN-2001 (TrEMBLrel. 17, Last sequence update)
01 DEC 2001 (TrEMBLrel. 19, Last annotation update)
VESTEBBAIC HOMELOS OF C. ELEJANG LIK 7 TYPE 2.
                                                                                                                                                        NCB1_Tax1D=7227;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PROSITE; PS50106; PDZ; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NCB1_Tax1D-10090;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  130 RHGGLKRGFQLLSVNGVSVEGEHHERAVELLKAA 163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            145 BHJULKBOSÇILEVNGVSVEGEHHEKAVELLKAA 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CC7662
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                                                                                                                                                                                                                                                                                                                                                                                                     PRELIMINARY;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 34; DB 1
, Fied. No. 6.6e
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                                                                                                                                                                                                                                                                                                                                                                                                       195
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                                                                                                                                                                                                                                                                                                               update)
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RESULT 10
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KA Hustin D. Houston K.A. Howland L.J. Wei M. H. Iberwam C.,

Yalili M. Wilosh E., Yorger S.B. E. Wei E. Endrew C.,

KA Kimeel F. Wilse C.D. Kratt C. Kravitz S. Edg P. Lai Z.,

KA Laske F. Lei Y. Levitsky A.A., Li J. H. Z. Hard Y. Lin X.,

KA Lin X. Mattel B., Meldosh L.C. Melavd M.P. Melberson D.,

McKalove Y. Milshina N.V. Mebarry C., Merkel J.M. Nelson D.L.,

KA Merkulov Y. Milshina N.V. Meharry C., Merkel J.M., Nelson D.L.,

KA Merkulov Y. Milshina N. V. Meharry C., Merkel J.M., Nelson D.L.,

KA Merkulov Y. Milshina N. V. Meharry C., Merkel J. M., Nelson D.L.,

KA Merkulov Y. Milshina N. S. Murphy B. Murphy L. Marry D.M., Nelson D.L.,

KA Merkulov Y. Milshina N. V. Nelson Y. Metarry D.M., Nelson D.L.,

KA Nelson D.R., Helsen K.A. Nilen K. W. Lakern D. R., Parceb J.M.,

KA Nelson D.R., Helsen K. Saunders P. Levitser B., San B.,

KA Reinert K. Kemington K. Staplers P. Nelson M., Strond R., Sun E.,

KA Spier E., Spradling A.C. Staplers M., Strond R., Sun E.,

KA Williams S.M. Wassarman D.A., Weinstock G.M., Weissenbach J.,

KA Weilliams S.M. Wassarman D.A., Weinstock G.M., Weissenbach J.,

KA Yelk K.F., Zarei J.S., Zhan M., Zhan S., Zhu X., Shith B.O.,

KA Zhena X.H., Zhona E.M., Zhona W., Zhon X., Zhu X., Shith B.O.,

KA Zhena X.H., Zhona F.M., Kubin G.M., Venter I.,

KI Williams S.M., Weinster S.E.W., Kubin G.M., Venter I.,

KH Williams S.M., Weinschlas M., Zhona X., Zhu X., Shith B.O.,

KA Zhena X.H., Zhona F.M., Kubin G.M., Venter I.,

KH Williams S.M., Weinschlas M., Zhona X., Zhu X., Shith B.O.,

KA Zhena X.H., Zhona F.M., Kubin G.M., Venter I.,

KH Williams S.M., Weinschlas M., Weinschlas M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Guery Match
Best Local
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                                                                                                                                                                                                                                               ULIN-7 (FRAGMENT).
Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Science 287:2185-2195(2000).
EMBL: AB003750; AAF56389.1;
HSSP: 012959; IPDR.
F1;RACC: FF;IPPC-4269; TCT1.
MEDIINE 95/200771; PubMed 85/12/272;
Simske J.S., Kaech S.M., Harp S.A., Kim S.K.;
"LET-24 receptor localization by the cell junction protein
                                                                                                                                                                                                                                                                                                 ol-MAY-1997 (TrEMBLIC), 35, Steated)
ol-MAY-1997 (TrEMBLIC), 05, Last Seguence update)
ol-DEC-2001 (TrEMBLIC), 19, Last annotation update)
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Ptam: PF00595; PDZ; 1.
SMARI; SM00228; PDZ; 1
                                                                                              SEQUENCE FROM N.A.
                                                                                                                                                                                   Rhabditidae: Peloderinae; Caenorhabditis
                                                                                                                                                                                                               Bukaryotu: Metasoa: Nematoda: Chromadorea: khabditida. Khabditoldea
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InterPro: IPR001478; PbZ.
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Brandon R.C., Rogers Y. H.C., Blaze) R.G., Champe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         116 EHIJENVMIKEQNSPIYIERIIIFGGVA 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             101 EGLGENYMGGKEQNSPIYISKIIPGGVA 128
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                                                                                                                                                                                                                                                                                                                                                                                                                            PRELIMINARY;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 u; Mismatches
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Pred. No. 6.40-20;
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                                                                                                                                                            RESULT 12
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Best Local :
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Best Local &
                                                                                                                                                                                                                                                                                          Matches
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TotelBro: IPR004478; Pro:
Prim: PPR00498; PDZ: I.
PTam: PPR00595; PDZ: I.
EMARS: TM00228; PDZ: I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          01-MAY-2000 (TrEMBLIFEL 13, Created)
01-WT-2001 (TrEMBLIFEL 18, Last sequence update)
01-PEC-2001 (TrEMBLIFEL 19, Last annotation update)
Y54311A.10 PECISIN.
Y54011A.10.
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NON_TER 297 297
SEQUENCE 297 AA: 33580
Homo sapieus (Human).
Eukaryota: Metazoa: Chordata: Craniata: Vertebrata: Euteleostomi:
                                                 01 MAR 2001 (TrEMBLEEL 16, Created)
01-MAR-2001 (TrEMBLEEL 16, Last sequence update)
01 DEC 2001 (TrEMBLEEL 19, Last annotation update)
                                                                                                      Q9HAP6;
                                                                                                                                                                                                                                                                                                                                                                             Digolowic (16 AA, (566 MW)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Rhabditidae: Peloderinae: Caenorhabditis
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HSSP; 912959; 1908.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          during C. elegans vulval induction.";
Cell 85:195~204(1996).
                                                                                                                           COHAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                     HSSP: 012959: 1PDR.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    EMBL: ALSH1188; CAA22459.2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Science 282:2012-2018(1998).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDLINE 99069613; PubMed 9851916
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Submitted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Enkaryota; Metazoa; Nemutodu; Chromadorea; khabditida; khabditoidea;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Caenorhabditis elegans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    "General acpains of the rematode Chelegano, A platform for investigating biology.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SECTION OF FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUERTE FROM M.A.
                                                                                                                                                                                                                                                   117 SISHWYMGGKEQNSFIYISKIIPGGVA 148
                                                                                                                                                                                                                                                                                                                                                                                                                  InterPro: IPK004172; L27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               117 CHARMACKEONSPIYISKIIPGGVA 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             209 Chal NYMOCKLONNOTT LORTH COCYA 235
                                                                                                                                                                                                                                                                                      al Similarity
27; Conserv
                                                                                                                                                                                                                                    Similarity lootos;
22, Overerrative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      .
I
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                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                         PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LAMVNIWI LAMA
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                                                                                                                                                                                                                                                                                                             100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 27; DR 5;
b; Pred. No. 9.4c l
6; Mismutcher
                                                                                                                                                                                                                                                                                                         Score 27; DH 5;
; Pred. No. 1e-18;
                                                                                                                                                                                                                                                                                          0: Mismatches
                                                                                                                           PRT:
                                                                                                                                                                                                                                                                                                                                                                                 E050959F2b29HBFF CRC64;
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                                                                                                                                                                                                                                                                                          0;
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NO DERRECADE DE CONTRA DE 
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                                                             RESULT 14
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017458
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Best Local Similarity | inn n
| the | 22, Conscination
                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Harrop R., Coulson P.S., Wilson K.A.; "Characterisation, closing and immunogenicity of antigens released lung stage large of Schiztowens manachi.", parasitology 118:583-594(1999).
EMSL, APSCO., AAR8656.1, ...
HSSP; P31016; LBFE.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   01-JAN-1998 (TrEMBLrcl. 05, Greated)
01-JAN-1998 (TrEMBLrcl. 05, Last sequence update)
01-DEC-2501 (TrEMBLrcl. 13, Last annotation update)
HYPOTHERICAL 19.0 KDA PROTPIN (FRACKPNY)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HSSP; Q1292a; J.L.,
InterPro; IPB001478; PDE,
P1am; PT00595; PDE; 1,
SMARE; EM09228; IDE; 1,
SMARE; EM09228; IDE; 1,
जन १८९०
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Pfam; PP02828; L27; 1.
Pfam; PF00595; PDZ; 1.
SMART; SM00228; PDZ; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Schistosoma massari (Blood fluke).
Bukaryota: Metassa: Platyhelminthes: Trematoda: Digensa: Strigeidida:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 017458
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HSSP: Q12M23; 3PDZ.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Olsen O., Liu H., Merot J., Welling P.A.; "Racolateral Membrane Dyperskirs of the Kir 2.? Charact is Goordinated by a PEM interaction with the 7," Mex ".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hypothetical protein.
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                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE 171 AA; 19000 MW; 6068554108598063 CEC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PROSITE: PS50106; PDZ; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          InterPro: IPR004172; L27. InterPro: IPR001478; PDZ.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDITINE 99334538, PubMed 10406037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRAIN-PUERTY PICAN;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NCBI_TaxID 6183
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Schistosomatoidea; Schistosomatidae; Schistosom
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                130 RHOGLKRODÇLLSVNGVSVEGE 151
                                                                                                                                                                                                                     116 EGLGENVMGGKEQNSPIYISR 136
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                                                                                                                                                              76
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                                                                                                                                                                                                                                                                                   Conservative
   ANVNIWITHE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRELIMINARY;
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lon 0%; Pred No. 7 %el
attice 0; Missatches
                                                                                                                                                                                                                                                                                                                9.0%; Score 21; DB 5;
100 0%; Prod No 6 46-13
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                                                                                                                                                                                                                                                                                   0;
   PPT;
                                                                                                                                                                                                                                                                                   Mismatches
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RA Glodek A., Gong F., Gorrell J.H., Gu Z., Galbart W.M., Glasser K.,

RA Glodek A., Gong F., Gorrell J.H., Gu Z., Galbart W.M., Glasser K.,

RA Howlin D., Houston R.A., Howland T.J., Hernandon J.R., Houck J.,

RA Howlin D., Houston R.A., Howland T.J., Wei M.H., Though M.A.,

RA Jalali M., Kaiush F., Karpen G.H., Ke Z., Kennison J.A., Ketchum K.A.,

RA Jalali M., Kaiush F., Karpen G.H., Ke Z., Kennison J.A., Ketchum K.A.,

RA Jalali M., Kaiush F., Karpen G.H., Ke Z., Kennison J.A., Ketchum K.A.,

RA Liu K., Hattel B., Holnosh T.C., McLeod M.B., McHeron D.,

RA Liu X., Hattel B., Holnosh T.C., McLeod M.B., McHeron D.,

RA Neison D.R., Holson K.A., Mixon K., Musskern D.R., Pacleb J.M.,

RA Neison D.R., Holson K.A., Mixon K., Musskern D.R., Pacleb J.M.,

RA Pelbort E., Spradling A.C., Stapleton M., Schooler F., Shen H.,

RA Spier E., Spradling A.C., Stapleton M., Schooler F., Shen H.,

RA Spier E., Spradling A.C., Stapleton M., Schooler F., Shen H.,

RA Williams D.M., Woodage T., Worley K.C., We D., Yang S., Yao Q.A.,

RA Williams D.M., Woodage T., Worley K.C., We D., Yang S., Yao Q.A.,

RA Cheng X.H., Choul C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., Zhou F.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zhou K., Zhu S., Zhu X., Smith H.O.,

RA Cheng X.H., School C.H., Sheng W., Zho
                                                                                                                                                                                                                                                                                                                   RESULT 15
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Best Local Similarity
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Address M.D., Celnifer S.E., Helt F.A., Frons C.A., Gornyno T.P.,

Address M.D., Celnifer S.E., Helt F.W., Hoskins R.A., Galle R.F.,

Amanatides F.G., Seherer S.E., Li F.W., Hoskins R.A., Galle R.F.,

George K.A., Lewis S.E., Richards S., Ashburner M., Henderson S.N.,

Sulton G.G., Wortman J.R., Yandell M.D., Zhang Q., Chen L.X.,

Sulton R.G., Wortman J.R., Yandell M.D., Zhang Q., Chen L.X.,

Brandon R.G., Wortman J.R., Yandell M.D., Diampe M., Meisine G.P., Miklos G.L.G.,

ALLI J.F., Aşbayani A., An H.G., Andrews Ffunchoch C., Saldwin D.,

Ballow B.M., Pasu A., Baxendie J. Bayraktaroylu L., Beastey E.M.,

Brandon M. B., Bayraktaroylu L., Beastey B.M.,

Brandon M. B., Bayraktaroylu L., Bayraktaroylu L., Beastey B.M.,

Brandon M. B., Bayraktaroylu L., Bayraktaroylu L., Beastey B.M.,

Brandon M. B., Bayraktaroylu L., Bayraktaroylu L., Beastey B.M.,

Brandon M. B., Bayraktaroylu L., Bayraktaroylu L., Bayraktaroylu L., Bayraktaroylu L., Bayrakta
01-JAN-1998 (TrEMBLrel. 05, Created)
01-JAN-1998 (TrEMBLrel. 05, Last sequence spdate)
01-JUN-2001 (TrEMBLrel. 17, Last annotation update
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Ballow E.H., Busu A., Baxendale J., Bayraktaroglu L., Beasley E.M., Rowself K.T., Brows F.V., Belland B.D., Blandaroglu L., Beasley E.M., Borkowa D., Borthan M.P., Rouck T., Brotstein P., Brotklein P., Borthan M.P., Rouck T., Cadieu E., Center A., Chandra I., Burtis K.C., Busam D.A., Butler H., Cadieu E., Center A., Chandra I., Charry T.M., Challey S., Dahle C., Daycepert L.M., Erries P., Charley S., Deng Z., Mays A.D., Dew I., Dietz S.M., Bordson K., Doup E.E., Downes M., Dugan-Pocha S., Dunkov B.C., Dunn P., Durbis K.I., Evangelista C.C., Ferraz C., Ferriera S., Fleischmann W., Borthand R., Canton R., Borthand R., Control Charley B.C., Ferraz C., Ferriera S., Fleischmann W., Borthand R., Borthand R., Borthand R., Canton R., Canton R., Borthand R.,
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Pieryakta, Negitora, Endopheryacia, Siptera, Brachyara, Muscomorpha:
ephydroidea; prosephilidae; presephila.
pppl_max(p-7027)
                                                                                                                                                               018349;
                                                                                                                                                                                                              018349
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01-MAY 2000 (TrEMBLiel. 13, Last sequence update)
01-JUN-2001 (TrEMBLiel. 17, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Drosophila melanoqaster (Fruit fly)
Bularyala, Matacca, Arthrapada, Trac
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRAIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
                                                                                                                                                                                                              PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     56039 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6.0%; Score 14; DR 5;
100.0%; Pred. No. 2e-05
ive 0; Mismatches
                                                                                                                                                                                                              PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          A5DB6AF41FD1B4DA CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2e-05;
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Last annotation update)

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KKKKKKKKKKKKKKCENSCOOLINEE FEEL
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Best Local s
         MEDINE 20196066 Enhand 10731182;
Asimus M D. Colcibo, S.E. Li i P.W. Hoskins K.A. Galle R.F.,
Amanarides P.G., Schorer S.E. Li P.W. Hoskins K.A., Galle R.F.,
Chorqo R.A. Lewis S.E. Kichards S., Ashburner M., Henderson S.N.,
Surton G.D. Wortman F.E. Yanabil M.D. Zhind G., Chen L.Y.
Kunton R.C. Kouers Y.-H.C. Hlaze) R.G. Champe M., Pieifier B.D.,
Man K.H., Doyle G., Baxter E.G., Helt G., Nelson C.K., Beldwin D.,
Abril J.F. Aqboyani A., An H.-J., Andrews-Prinnich C., Beldwin D.,
Ballew R.M., Bach A. Rivendale T. Bryther P.J. Beldwin D.,
Ballew R.M., Bach A. Rivendale T. Robert P. Robbyakev S.
                                                                                                                                                                                                                    Pteryqota: Neoptera: Endopteryqota: Diptera: Brachycera: Muscomorpha: Ephydroidea: Drosophilidae: Drosophila.
NCBL_laxID 7227.
                                                                                                                                                                                                                                                                brosophila melanosaster (Pruit fly).
Bukaryota: Motazoa: Arthropoda: Tranhoata: Novapoda: Essocia;
                                                                                                                                                                                                                                                                                                           09V0H2:
01-MAY 2000 (TrEMBLEGT. 13. Created)
01-MAY 2000 (TrEMBLEGT. 13. Last sequence opdate)
01-JDN 2001 (TrEMBLEGT. 17. Last annotation updat)
TRE PROTEIN.
                                                                                                                                                                                                                                                                                                                                                                                            CHUA60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ptam: FF00651; B1B; 1.
Ptam: PF00096; zf=C2H2; 1.
SMARI: SM00225; B1B; 1.
SMARI: SM00255; ZnF_C2H2; 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Borkova D., Potohan M.R., Boack J., Brokstoin D., Brottier D.,
                                                                                                                                                                        SIRAIN BERKELEY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PROSITE: PS50002: RTR: 1
PROSITE: PS0002: RTR: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EMBL; 016728; AABB1112.1;
EMBL; AJ225042; CAB86986.1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MENGLINE STROME N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ephydroidea; Drosophilidae; Drosophila
MEPL_'nw!\~7127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Drosophila melanodaster (Fruit fly).
Bukaryota: Metaroa: Arthropodu: Trocheata: Hexapeda: Insceta:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GAGA-581 ADE-2 ISOFORM (TRL-581 PROTEIN, GAGA-581 ISOFORM)
IRL OF TEGAGA/ADE 2 OR CM9443.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Interpro: IPR000#22; Znf-C2HZ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FryBase: FBandul (263; frl.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       HSSP; Q08605; IYUI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Karokhin A.V., Piedyorie A.V., Barichese E.H., Derelygiea L.M.;
"Sitelited (AFS 2000) to the FMSE Sockook [TIB1 distributes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRAIN CANION S:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE FROM N.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Nucleic Acids Res. 25:3445-4454(1947)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pterydota: Nooptera: Endopterydota: Diptera: Wrachycera: Muscomorpha:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DNA-binding: Motal-binding:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5,6,7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    217 υσομοροσομήση 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     hos 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               581 AA: 62489 MW;
                                                                                                                                                                                                                                                                                                                                                                                            PRELIMINARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    . . .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 13;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2inc-finger
                                                                                                                                                                                                                                                                                                                                                                                            PRT;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 04826A1B630E3320 CRC64;
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                                                                                                                                                                                                                                                                                                                                                                                            582 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               134 S;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.00023;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 581;
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TERMARKASSSEEEE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                55.X05Ö
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Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  InterPro, ITM000210, BTB_PvE.
InterPro, ITM00882, Ent-C2H2.
Pfam: PF00651; BTB; 1.
Pfam: PF00096; \(\tau \)f-C2H2. 1.
SMART: SM00225; BTB; 1.
SMART: SM00225; BTB; 1.
                                                                                                                                                                                                                                                                                 Quexys;
01-DEC-2001 (FremHirel, 19, Created)
01-DEC-2001 (TremHirel, 19, Last sequence update)
01-DEC-2001 (TremHirel, 19, Last annotation update)
sc:DE139722.4 (MOVER PROTEIN SIMILAR TO BUMAN HES DOMAIN PROTEINS)
              Gratham D.;
"ALLEGED (12 2001) to the
EMBLE AL502495 (AC95158.1)
                                                                                                                                                       Hrachydanio rerio (Zebralish) (Zebra danio).
Eskaryata: Hetamar "Hardata: Zembata: Exteleostei: Esteleosteii:
Actimopteryali: Noopleryali: Teleostei: Exteleostei: Ostariophysi:
Cyprimitormes: Cyprimidae: Danio.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PROSTIE: PS50097; BTB; 1.
PROSTIE: PS60029; #TMC_PTMODEE_C2H2_1; 1.
DWA_ED5ding__Metal_Dinding__Zing-linger_
NON_TER
                                                                                                                                                                                                                                                           SC:D2129122.4.
                                                                                                                                                                                                                                                                            (FRAGMENT)
                                                                                         SEQUENCE PROM N.A.
                                                                                                                                      NCHI_[axID 7955;
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                                                                                                                                                                                                                                                                                                                                                                                                                          PRELIMINARY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%;
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                                          EMBI, Danbank, Travil dutabases.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 5;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               puery Match
                                                                                                                                                                                                                                                                                                   brosophila metanodaster (Fruit fly).
Bukanyota: Metazoa: Arthropoda: Tracheata, Hexapoda: Insecta:
Pterydota: Neoptora: Bhlopferydota: Diptera: Brachycera: Muscomorpha:
                                                                                     ol MAY 2000 (TrEMHEREL 15, Created)
ol-MAY 2000 (TrEMHEREL 15, Last sequence update)
ol DEC-2001 (TrEMHEREL 15, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sordariomyevies invertie sedis; Phyllachorales, Phyllachorareuc. mitosporie Phyllachoraceae; Colletotrichum. REMITAXID 5466;
                                                                                                                                         O9VTK6
       Ephydroidea; Drosophilidae; Drosophila
NCB1_tax10 7227;
                                                                                                                             Q9VTK6;
                                                                               CH7368 PROIEIN.
                                                                                                                                                                                                  177
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01-DEC-2001 (TrEMBLTel. 19, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         042793;
01-JUN-1998 (TrEMBLEEL, 06, Created)
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                                                                                                                                                                                                                                                                                                                                                                                      Ptam; PF0J069; pkinase;
                                                                                                                                                                                                                                                                                                                                                                                                 InterPro: IPRO02290; Ser_thr.pkinase
                                                                                                                                                                                                                                                                                                                                                                                                              InterPro: IPR000961; Pkinase_C
                                                                                                                                                                                                                                                                                                                                                                                                                                      HSSP; P05132; IATP.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDILINE 99242963;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE FROM N.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PubMed 10226476;
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                                                                                                                                                                                                                                                        5.2%; Score 12; DB 3; Length 530; 10:0021;
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Pred. No. 0.00088;
                                                                                                                                       PRT;
                                                                                                                                                                                                                                                                                                       hrasion protein kitaise, i
1AC2D9CCC046390D-CRC64;
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RESULT 20
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KA Kindad B.L. E. Kadra C.D., Kraff C. Kraff C. S., Kulp D., Jan E.,

KA Mindad B.L. E. Kadra C.D., Kraff C. Kraff C. S., Kulp D., Jan E.,

KA Mind C. M. Lei Y., Levitsky A.A., Li J., Li Z., Lidney J. Lin X.,

KA Mind C. M. Milson K. M. Mindoh L.C., McLeod M.P., McPherson D.,

KA Mind C. M. Milson K.A., Hiava K., Hazakerh P.K., Facleb J.M.,

KA Mind C. M., Mitten K.A., Hiava K., Hazakerh P.K., Facleb J.M.,

KA Mind C. M., Mitten K. Sanders R.D.C., Schoeler J.,

KA Kolnert K., Kemington K., Sanders R.D.C., Schoeler E., Shen H.,

KA Spier K., Spradling A.C., Stapleton M., Skupski M.P., Smith T.,

KA Spier K., Spradling A.C., Stapleton M., Skupski M.P., Smith T.,

KA Spier K., Spradling A.C., Stapleton M., Skupski M.P., Smith T.,

KA Spier K., Spradling A.C., Stapleton M., Skupski M.P., Smith T.,

KA Spier K., Spradling A.C., Stapleton M., Skupski M.P., Smith T.,

KA Milliams S.M., Mandage T., Worley K.G., Wu D., Weissenbach J.,

KA Williams S.M., Mandage T., Worley K.G., Wu D., Vang S., Vao Q.A.,

KA Milliams S.M., Mandage T., Worley K.G., Wu D., Vang S., Vao Q.A.,

KA Spier S., Stan E.N., Kandage T., Worley K.G., Wu D., Vang S., Vao Q.A.,

KA Spier S., Stan E.N., Stan M., Shan A., Zha S., Zhu X., Smith H.O.,

KA Spier S., Stan E.N., Stan G.M., Venter J.C.,

KI Schene Sequence of Drosophila melanoquaster.";

KI Schene Sequence of Drosophila melanoquaster.";
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Bukaryota: Metazoa: Arthropoda; Crustacea: Branchiopoda; Diplostraca;
Cladocera: Anomopoda; Daphniidae; Daphnia.
                                                                                                                                   01 DEC-2001 (LEMBIREL 19, Created)
01 DEC-2001 (LEMBIREL 19, Last sequ
01 DEC 2001 (LEMBIREL 19, Last and
HOMDOTIC PROTEIN.
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PRESENTE: PRESENTAR FINCEPTRANK_CLH2_1: 4.
PRESENTAR FINCEPTRANK_CLH2_2: 4.
PRA behalfing M tul binding, fince+linger,
SEQUIENCE 540 AA: 58697 MW; 10°9871285
                                                                                                Daphnia magna
                                                                                                                                                                                                                                                                                                                                             Ç95YH8;
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                                                                                                                                                                                      Last annotation update)
                                                                                                                                                                                                                                        Last sequence update)
                                                                                                                                                                                                                                                                                                                                                                                      PRT: 627 AA
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                                                                                                           Q9UPG7:
01-MAY-2000 (TrEMBLrel. 13, Created)
01-DEC-2001 (TrEMBLrel. 13, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last annotation spdate)
RECEPTOR ASSOCIATED COACTIVATOR (
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Lhoiro J. (Aus. 2013) (1001) (2013) (2013) (2013) (2014) (2014) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015) (2015
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Cell 90:569-580(1997).
EMBL: AF036892; AAB92368.1;
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01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last annotation update
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SMART: SMOOGST: PAS: 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Chen H., Liu R.J., Schiltz R.L., Chakravarti D., Nash A., Nagy L., Privalsky M.L., Nakafani Y. Evans R.M.; Naclear receptor coactivator AUTR is a novel histone acety) transfer and forms a multimorfo antiquition complex with P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NCBI_TaxID 9606;
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                                        Homo sapiens (Human)
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Eukaryota; Metazoa; Chorduta; Praniata; Vertebruta; Euteleostomi;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Receptor
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TRANSFAC: 104640:
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100.0%; Pred. No. 0.0993;
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Best Local Similarity
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Interpro; IPR001092; HLH_dim.
Interpro; IPR0000014; PAS.
Pfam: PF00989; PAS: 1.
PMARI: SM00981; PAS: 1.
SMARI: SM00981; PAS: 1.
SKAKI: SM00981; PAS: 1.
SKOUENET: 1417 AA: 15455 MW:
01-NeV-1999 (TrEMBLrel, 12, Created)
01-NeV-1999 (TrEMBLrel, 12, Last segmence update)
01-JUN-2001 (TrEMBLrel, 17, Last annotation update
                                               09860p
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Eukaryota: Metazoa: Chordita: Craniata: Vertebrata: Enteleostomi:
Mammalia: Eutheria: Erimates: Catarrhini: Hominidae: Homo.
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01-MAY-2000 (TrEMBLrel. 13, Created)
01-MAY-2000 (TrEMBLrel. 13, Last sequence update)
01-DEC-2001 (TrEMBLrel. 19, Last annotation update)
AMPLIFIED IN BREAST CANCER.
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Proc. Natio Acad. Sci. U.S.A. 94:8479-8484(1997).
                                                                 Q9Y6Q9
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                                                                                                                                                                                                                                                                                            SMART: SM00051; HLH; SMART: SM00091; PAS;
                                                                                                                                                                                                                                                                                                                                       Science 277:965-968(1997).
EMBL: AF012108: AAC51677.1:
InterPro: IPR091092: HLH_dim.
InterPro: IPR0900014: PAS.
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Guan X.Y., Santer G., Kallioniemi O.P., Trent J.M., Meltzer P.S.;
"AIRL, a steroid receptor coactivator amplified in breast and evarian
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                69mb44
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                                                                                                                                                                                                                                                                               SEQUENCE
                                                                                                                                                                                                                                                                                                                                                                                                     cancer."
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100.0%; Pred. No.
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RESULT 25

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RA Adams M.D., Gelriker S.E., Bolt R.A., Evans G.A., Georgie J.D.,

RA Adams M.D., Gelriker S.E., If P.W., Jians S.A., Galle R.F.,

RA Adams M.D., Gelriker S.E., If P.W., Jians S.A., Galle R.F.,

RA Aboute R.A., Lewis S.E., Rebards S., Ashburner M., Henderson S.N.,

RA Sutton G.A., Wortman J.R., Yandell M.D., Zhand G., Shen L.X.,

RA Sutton G.A., Wortman J.R., Yandell M.D., Zhand G., Shen L.X.,

RA Bardon K.C., Koners T. H.C., Black J. Champa M., Fleither B.D.,

RA Barlow H.M., Pasc A., Pasc State J., Andrews Planckoch G., Baldwin D.,

RA Barlow H.M., Pasc A., Pasc State J., Andrews Planckoch G., Baldwin D.,

RA Barlow H.M., Pasc A., Pasc State J., Barlow J., Baldwin D.,

RA Barlow H.M., Pasc D., Pasc State J., Barlow J., Baldwin J.,

RA Barlow H.M., Cawley S., ballke G. L., Safter S., State S., Chandra J.,

RA Barlow D., Bernam F.A., France M., Fredrich E., Pert Efer P.,

RA Barlow J.M., Cawley S., ballke G., Marchen B., Senter A., Chandra J.,

RA Barlow H.M., Cawley S., ballke G., May, A.E., Device B., Pasc S.,

RA Barlow H.M., Cawley S., ballke G., May, A.E., Device B., Pasc S.,

RA Barlow H.M., Cawley S., ballke G., May, A.E., Device B., Pasc S.,

RA Barlow H.M., Cawley S., ballke G., May, A.E., Device B., Pasc S.,

RA Barlow H.M., Cawley S., ballke G., May, A.E., Device B., Pasc S.,

RA Barlow H.M., Cawley S., ballke G., May, A.E., Device B., Pasc S.,

RA Barlow H.M., Cawley S., ballke G., Worth P., Pasc S., Pickella R., Pasc B., Pasc B., Pasc B.,

RA Barlow H.M., Barlow H.M., Barlow B., Pasc B., Pas
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Pterydota: Necjassa: Endojteryasta: Biptera: Brachgeera; Museumorpha:
Ephydroidea: Drosophilidae: Drosophila.
RPPL-Gawit 7027.
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01-MAY-2000 (TrEMBLE). 13, fast sequence update)
01-MAY-2000 (TrEMBLE). 13, fast smootation update
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"TRAM I. A movel 160 Flathproff of the more receptor and Characteristics are second receptor coactivator-1.";
J. Biel. Chem. 272:27627-27634(1997).
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo,
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Entaryeta, Metatia, (
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SMART; SM00353; BLH; 1
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IRAB 1 va NOVA v.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                EMBL: ALC34418; CAC17693.1;
InterPro: IPROCIO92; HIB_dic
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hos 12; Conservative
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100.0%; Pred. No. 0.0053;
1ve 0; Mismatches 0; Indels
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EA Mindek A., Chang F., Charlell JH., Wei M.-H., Barris M.,

EA Histin D., Houston K.A., Howland T.J., Wei M.-H., Ibequam C.J.,

EA Histin D., Houston K.A., Howland T.J., Wei M.-H., Ibequam C.J.,

EA Histin D., Houston K.A., Howland T.J., Wei M.-H., Ibequam C.J.,

EA Histin M., Eachar I.A., Howland T.J., Wei M.-H., Ibequam C.J.,

EA Himaxi E.L., Eachar T.J., Howland T.J., Wei M.-H., Ibequam C.J.,

EA Himaxi M. Mishia N.V., Weilar K.A., Hi D., Lilin Y., Lilin X.,

EA Himaxi M.H., Mishia N.V., Webarry C., Morris J., Moharson D.J.,

EA Haland T.H., Mishia N.V., Webarry C., Morris J., Moharson D.J.,

EA Haland T.H., High M. Murphy B., Mirphy L., Munny D.M., Welson D.J.,

EA Haland T.H., Wilshia N.Y., Webarry C., Morris J., Whoshreti A.,

EA Haland T.H., Weilson K.A., Himax E. Russkein L.E., Eacheb J.M.,

EA Haland T.H., Womington K., Sannders P.D., Scheoler F., Shich H.,

EA Haland T.H., Womington K., Sannders P.D., Scheoler F., Shich H.,

EA Syles E., Syradling A.C., Stapleton M., Strong E., Sun E.,

EA Syles E., Syradling A.C., Stapleton M., Strong E., Sun E.,

EA Millians E.M., Weodaye T., Werley K.C., While S., Yao Q.A.,

EA Willians E.M., Woodaye T., Werley K.C., While S., Thou C., Sheng L.,

EA Gibbs E.A., Wers E.W., Rubin G.M., Venter J.C.,

"The genome sequence of Drosophila melanodaster.")

ER EMBL, Angel Anny 6777 1.
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Cherk F. Cher H. Kim C.J. Koosowa F. Moyers M.C. Banh J., Rowsowa F. Moyershirski Y. Bawson E. Carninol F. Dale I.M. Coldamith A.D. Bayesshirski Y. Inhida J. Jana F.A. Jones F. Kamiya A. Kari D. Noumann G. Kami J. Liu S.X. Miranda M. Narosaka M., Kami J. Liu S.X. Miranda M. Narosaka M., Sahura E.L. Sakurai T., Sakura F. Colach H. L. Sakurai T., Sakurai
                                                                                                                                                                                                                                                                                                                      "Structural analysis of Arabidopsis thaliana chromosome 3. II. Sequence features of the regions of 4,251,695 hp covered by ninety PL. TWI and RWI (1988.") BHA Res. 7,217-221(2000).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Arabidopsis thaliana (Mouse-ear cress).
Eukaryeta, Viridiplantae: Etreptephyta: Embryophyta: Trachcophyta:
Spermatophyta, Maynoliophyta: eathertyledeas; eero exdients: Posid
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61-011-2006 (TrEMBLIe). 15, Last sequence update)
61-010EC-2001 (FrEMBLIe). 19, Last aniotation update)
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Flybase: FB4D0930250; CG15206.
ERGUERCE 137 AA; 15168 MN; 3A5750725A61CFCF CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDLINE 20:6:099, PubMed:1090785;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STRAIN-COLUMBIA;
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Best Local Similarity
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Stapleton M., Brokstoin P., Hong L., Asbayani A., Carlson J.,
Champe M., Chamber C., Persett V., Enthern C., Erize E., Seerbe E.,
Obozalez M., Guarin H., Li P., Liao G., Miranda A., Mundall C.J.,
Nunco J., Facleb J., Paradas V., Purk S., Phosumenavong S., Wan K.
vu C., Lowis S.E., Rubin G.M., Celniker S.;
Submitted (OCT-2001) to the LMPL/Pockrak/Str distributes
EMML, Ares 1212; AALL879.1;
SEDUBENE 176 AA: 18748 MW; BOES2/CASHSOF4_EBC CR064;
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01-DEC-2001 (TrEMBL:el. 19, Created)
01-DEC-2001 (TrEMBL:el. 19, Last sequence update)
01-DEC-2001 (TrEMBL:el. 19, Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               "Arabidopsis cDNA clones.";
submitted (odf-2001) to the EMBL/Abadenk/Adlkd databases
EMBL: APO1100: MAROSOBE, 1:
EMBL: AP428309: AAT16141 1:
                                         Homo sapiens (Human).
Eukaryota: Metazoa: Chordata: Craniata: Vertebrata: Enteleostomi;
Mammalia: Eutheria: Primates: Catarrhio: Homioidao; Homo
                                                                                    01-MAY-1997 (TrEMBLIGE) 03, Last sequence update) 01-DEC-2001 (TrEMBLIGE), 19, Last annotation update) DANIS PROTEIN (FRAGMENI).
                                                                                                                   01-MAY 1997 (TrEMBLrel, 03, Created)
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WPG_TaxIF 7227,
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SMART; SM00054; EFh; 4.
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MEDLINE 97051922; PubMed 8896557;
                                NCBI_TaxID 9606:
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100.0%;
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100.0%; Pred. No. 0.008;
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                    Drosophila melanowaster (Fruit tly).
Eukaryeta: Metazea: Arthropoda: Trachesta: Hexapoda: Insecta:
Pterydota: Neoptera: Endopterydota: Diptera: Brachycera: Muscomerpha:
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PMP: APOS1670; AAPG1177.1; -.
P1;Baac; FB;G0279402; Shcf\tiu.
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                                                                                                                   01-B83-2001 (HEMBERGEL 19, Created)
01-B83-2001 (HEMBERGEL 19, Last sequence update)
01-B83-2001 (HEMBERGEL 19, Last annotation update)
INTERMEDIATE NECECOLARY DEPOSITIVE (PRACMENT).
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Pteryacta; Neoptera; Endopteryacta; Diptera; Brachycera; Moscomorpha;
Ephydroidea; Drosophilidae; Drosophila.
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01-007-2000 (HEMBLEEL 15, Last sequence update)
01-JUN-2001 (TrEMBLEEL 17, Last annotation update)
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SEQUENCE 191 AA;
Ephydroidea; Drosophilidae; Drosophila
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"Geneale espanication and ebaraterization of the meanal gover
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Maximum DB seq length: 2000000000
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AAVOGSTO Standard, Frederica (INCY) INCYTE PHARM INC William's syndrome. Homan; cell junction PEC protein, FDC domain, CUFEC, diagnosis; nameer, neurological disorder; developmental disorder; Human cell junction PDZ protein CJPDZ. 23 NoV-1999 (first entry) 9808-0151611. 98US-0151611. Š

WEL, 1999 561035,47. Yne H, Patterson C,

Au-Young J;

11-SEP-1998; 11-SEP-1998; 28-SEP-1999 US5958731-A Homo sapiens

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Matches 293,
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the prevention, diagnosis and treatment of disorders associated with
defective cell signalling such as cancers and neurological and
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PDZ encoded domain #6
                                                                                                               07-MAR:2001 (first entry)
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                                                                                                                                                                                                                                                                                               Query Match (9.5%) Score 92: DB 22: Length 97
Hest Local Similarity 100.0%; Prod. No. 1.8e-78;
Matches 'Q': Conservation O; Mismatches O; Indole
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14 - MAY - 1999
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29 - OCT - 1999
18 - DEC - 1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                     colitis, ileitis, psoriasis, asthma, atopie dermatitis, autoimmune diseases (e.g. rhoumatoid arthritis, multiple sclerosis, insulin-dependent diabetes, Hashimoto thyroidlis, osteoarthritis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        to treat a disease mediated by hematopoletic cells, e.g. autoimmune disease. It may also be used to prevent trainglantation be certion of a solid organ transplant. The method may also be used in the treatment of inflammation, allergy, inflammatory bowel diseases, ulcerative
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11 - APR -
11 - APR -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 biological function of an endothelial cell or hematopoietic cell. The method involves introducing into a cell, an antagonist that inhibits
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Modulating a biological function of an endothelial cell or hematopoietic cell, useful for treating autoimmune diseases and integring diseases, by administering an antagonist that inhibits
12-MAR-2001 (first entry)
                                      AAB57627;
                                                                       AAB57627 standard; Protein; 97 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                     draft rejection, transplantation rejection), atherosciences, cancers, intections diseases, ischemia, vasultis and trahe's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                binding between a PDZ protein and a PL protein. The inhibitor is used
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Disclosure: Page 28 43; 141pp: English.
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                                                                                                                                                                                                                                                                                                                                                                                        Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  the present invention relates to a new method for modulating a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        binding between a PDZ protein and a PL protein
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2000US-0182296.
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2000US-0196527.
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9908-0170453
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14-MAY-1999;
14-MAY-1999;
                                                                                                                                                                                                  inflammation, allergy (e.g. drug allergies), inflammatory bowel diseases, ulcerative 52118; field15, [s.nia.n., respiratory allergi. diseases (e.g. asthma), atopic dermatible, autoimmune diseases (e.g. the materid artherits, multiple enteredis, insulin-dependent diabetes, Hashimoto thyrodditis, estecatthritis), athereselerosis, cancers, intections
                                                                                                      Sequence
                                                                                                                                            rejection of a solid ordan transplant
                                                                                                                                                           diseases (e.g. viral intection), ischaemia, vasulitis and Crohn's disease. The lighbours can also be used to prevent transplantation
                                                                                                                                                                                                                                                                                                  proteins are involved in synapse formation by ordanising transmembrake neuroronasmitter receptors through intracelidate interactions. The inhibitors identified by the present invention can be used to trust a disease mediated by harmatopoletic cells, e.g. antiformum disease.
                                                                                                                                                                                                                                                                                                                                                                                   PDZ domain protein and a PL domain protein to result in inhibition of leake jte activation. The present acquence is a PDZ domain FGZ domains of proteins are named after three prototypical proteins (PDP) protein protein and Zopula occludin 1 protein. PDZ domain prosphila large disc protein and Zopula occludin 1 protein. PDZ domain
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            New Highlitizers of binding of a PDE protein and FL protein for
inhibiting I cell-mediated response by hematopoletic cells, or for
treating diseases characterized by inflammatory and humoral immune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Lu PS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  function of an endothelial cell of haomatopoietic cell, comprises introducing into a cell an antagonist that inhibits binding between
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Disclosure: Page 30; 139pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WPI; 2001 025003/03
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         inflammatory bowel disease; ulcerative colitis; ilcitis; psoriasis; asthma, atopic dermatitis; atheroselerosis; cancer; infections dise
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     transmembrane neurotransmitter receptor, autoimmune disease:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Endothelial cell; haematopoietic cell; BDZ domain protein; BL domain protein, louksayte activation; Synapse formation;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             responses, e.g. inflammation, cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (ARBO-) AKHOR VITA CORP.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ischaemia; vasulitis; Crohn's disease.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13-DEC-1999;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tax interaction protein 33 PDZ domain
                       Local Similarity
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    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            invention relates to a method for modulating a biological
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                 100.0%;
                 39.5%; Score 92; DB 22; Length 97; 100.0%; Pred. No. 1.8e-78;
    Mismutches
    Indels
or dates
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                                                                                   HOW domain protein and a R. domain protein to result in inhibition of look. To intitation. The protein representation of Look To intitation and proteins are named after three proteips well-did by proteins. PDZ domain proteins are invelved in synapse formation by ordanistica transmembrane neurotransmitter receptors through intracellular interactions. The inhibitors identified by the present invention and be used to treat discusse mediated by harmatisphericipes, in lammatory bowel discusse, ulcerative colitis, instraction, alterate dermalitis, autoimmune discusses (e.g. rheumatoid cormalitis, autoimmune discusses (e.g. rheumatoid discusses).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The present invention relates to a method for modulating a biological function of an endethelial eell or bacmatopoletic cell, comprises introducing into a cell an antagonist that inhibits binding between a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Modulating a biological transform of a hematopoietic cell for treating an allergic response, or diseases mediated by immune system cells, comprises introducing into the cell a PDZ-PD interaction enhancer or
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  inflummatory bowel disease, ulcerative exhitis, limitis, pseriasis; asthma: atopic dermatitis; atherosclerosis; cancer; infectious disease; ischaemia; vasulitis; Grohm's disease.
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diseases (e.g. viral intertion), ischaemia, wasulitis and Crohn's
                     arthritis, multiple delerocid. Inselfn lependedt Habetes, Haskimult thyroiditis, osteoarthritis), atheroseterusis, equeers, intectious
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Best Local Similarity
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Cluim 20; Page 3872-3873; 6221pp; English.
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Wani J, Chani J, Bon F,
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; Pred. No. 1.8e 78;
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polymerheatides and polymeptides are useful in done therapy, vaccines or polymerheatides and polymeptides are useful in done therapy, vaccines or 1991 by the three cutties, and the control activity had activity immunomodulatory activity and activity, tissue growth factor activity, immunomodulatory activity and

The invention relates to pulymententides (AMES1456, AMES1435) and the curvaled pulymentides (AMES1812 AMES1325) that exhibit activity elating to cytokine, cell politeration or cell differentiation or which may induce production of other cytokines in other cell populations. The

activin/indibin activity and may be needed in the diagonalic and/in

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of an ofigonucleotide comprising a sequence complementary to the complementary strand of a polynucleotide which complises a 5°-end sequence and an ofigonucleotide comprising a sequence and an ofigonucleotide comprises a 6°-end sequence, where the ofigonucleotide comprises at least 15 thread and the addition of the 5°-end sequence is selected from these lettined in the specification. The primer sets can be used in antisense therapy and in gene therapy. The primers are useful for synthesising polynucleotides.
                                                                                                                                                                                                                                                                         the 5602 nucleotide sequences defined in the specification, where the obligonucleotide comprises at least 15 nucleotides; or (b) a combination
                                                                                                                                                                                                                                                                                                                                                                            The present invention describes primer sets for synthesising 5602 full length cuNAs defined in the specification. Where a primer set comprises: (a) an offer all primer and an offermedential complementary
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Primer sets for synthesizing polymorleotides, particularly the 5602 null-length cDMAs defined in the specification, and for the detection and/or diagnosis of the absormatity of the proteins co-oded by the
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                                                                                                                                                                                                                                                                                                                                                to the complementary strand of a polynucleotide which comprises one of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 full length cbNAs
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09:JUN-2000; 2000JP-0241899
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Soqiyama T. Wakamatso A, Nagai K,
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AAM79876
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Best Local :
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27 APR-2000; 200008-0560875
20:J0N:2000; 200008-0598075
19:JUL-2000; 200008-0620325
                                                                                                                                                                                                                                                 Nucled: acids encoding polypeptides with cytokine-like activities useful in diagnosis and dene therapy \cdot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   01 SEP 2000, 2000US-0654936
15-SEP-2000: 2000US-066356]
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     nervous system disorder; arthritis; inflammation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          varefact poptide therapy; stem cell growth factor; haematopoiesis; tissue growth factor; immunomodulatory; cancer; leukaemia;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAM79876 Standard; Protein; 198
                                                                                                                                                                                                                                                                                                                                                 N. PSDB: AAKS 3009
                                                                                                                                                                                                                                                                                                                                                                                                                                 Kue A.L. Yang Y. Wejhiman I. Goodrich R:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Tand YI,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (HYSE') HYSEO INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20-081-2000; 2000US-0694425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human; cytokine; cell proliteration; cell differentiation; wene thorapy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human protein SEQ ID No 3522
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           06 NoV-2001 (first entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAR95893 represent human amino acid sequences; and AAR13629 to AAR13432
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30 NoV-2000: 2000US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             Liu C. Dimanac RT, Asundi V. Zhe
Wang D, Wang J, Zhang J, Ren F,
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milarity 100.0%: Prod. No. 8.9e-24:
Conservative 0; Mismatches o
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Zhou E.
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the invention relates to polymocleorides (AAK51456-AAK51445) and the currended polymopolides (AAM28323 AAM80322) that calmbit activity clation to choose exceeds the proliferation or cell differentiation or which may induce production of other cytokines in other cell populations. The polymocleotides and polymoptides are useful in gene therapy, varcines or peptide therapy. The polymoptides have carried sytokine like activities.

20: Page 370; 6221pp; English.

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                                                                                                                      cell-cell interactions in higher enlargates for the development of insecticides, therapeutics and pharmacentical drops. The insection discloses genomic DMA separates (AMLIGITE AM USEL), expressed DMA
                                                                                     sequences (ABL01840 ABL16175) and the encoded proteins (ABB57737-ABB72072).
                                                                                                                                                                             capable of detecting 1000 or more genes from Drosophila. The invention is useful in developmental biology and in elucidating cell signalling and
                                                                                                                                                                                                                                                      Disclosure: SEQ ID No 17076; 21pp o Sequence Listing. English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       W0200171042-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Drosophila melanogaster.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABB63428;
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                                at ftp.wipo.int/jodyjod lish-d_jot_scopoon
                                                     specification, but was obtained in electronic format directly from Wipe
                                                                    The sequence data for this patent did not form part of the printed
                                                                                                                                                                                                                                                                                                             genes from Drosophila and for elucidating cell signalling and cell-cell
                                                                                                                                                                                                                                                                                                                                New isolated nucleic acid detection reagent for detecting 1000 or more
                                                                                                                                                                                                                                                                                                                                                                                                                                                         (PEKE ) DE TERP NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             11 -JUL-2000; 2000US-0614150
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      intlammation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        treatment of cancer, leukaemia, nervous system disorders, arthritis and
                                                                                                                                                                                                                     The invention relates to an isolated nucleic acid detection reagent
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  145 RHGGLERGIGGLEVNGVSVEGEHNEKAVEGLKAA 178
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                                                                                                                                                                                                                                                                                                                                                                                    2001-656860/75
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               denotoperated blobby; well signalling, indeath like
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
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AAB4 3 36-1
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Best Escal Similarity
Matches 28, Conser.
                                                                                                                                                                                                                                                            AMC73446 to AMC77606 encode the proteins given in AMG9237 to AAR4397, which represent the human offex open reading trames I to 3561. The OREX so produce have a LUCLULE such as cyloschalic, beneficially adherently antiperdiately and parkinsonian, newtropic, neuroprotectives osteopathic; anticonvulsant; antiarthritic; immunosuppressant;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Novel nucleic acids and poptides derived from open reading frame X, machil for treating e.g. cancers, proliterative disorders, neurode-generative disorders and cardiovascular disoase.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     chalesterol eater storage, systemic lujus crythematusus; infection; governe emphised immunoderfelency; malaria; autoimmune disorder; asthma; alterdy; aplastic anaemia; nocturnal hacmoslobiomia; burne wound; burne damae, contiluae damae, actificthamaetry disease; coaquistion;
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                     and they exist, and antiamagnic. The sequences can be used for determining the presence of or predisposition to, or preventing or treating pathological conditions associated with an ORFX associated disorder. The nucleic acids can be used to express ORFX proteins in gene therapy
                                                                                                                                                     antiintiammatory; antibacterial; antiviral; antitumpal;
                                                                                                                                                                                            immunostimulant; cardiant; thrombolytic: essettlant; yasetropi
antidiabetic; hypotensive; dermatological; immunosuppressive;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Claim 11; Page 5443; 5507pp; English.
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Harity 160.0%, Fred. No. 3.8e-18;
Conservative 0; Mismatches 0; Indels
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9908-0127728
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The proteins and nucleic acids may be used to treat cancers,

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antiatlammatory anti-HIV: antibacterial; antiatlammatory cancer-
immune system disorder; rhammatorida arbititis; inflammatory condition;
count transplant rejection; infection; hepatitis c; blood disorder;
sickle collamosmia; hyperproliterative disorder; diameter's disease;
nourobetenecative disorder; Altheimer's disease; farkinson's disease;
chromesomal absorber in syndrome; leshaemia; roual disorder;
cardiovascular: rospiratory; wourd healing enforting Aldren's disease;
populative system quartering astiral liver disorder; Alter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           allergies, aplastic anaemia, burns, wennes, bone and cartillage damage, nocturnal basmodischingia, antiinflammatory disease; to encance
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abnormalities (Down syndrome), ischaemic injury (e.g. stroke), renal disorders (e.g. giomernionephritis), cardiovascular disorders (e.g. arrhythmia), respiratory disorders, dermatological disorders, in wound healing, epithelial cell proliteration, endocrine disorders (e.g. Addison's disease), reproductive system disorders, gird refuses that disorder (intlamentary disorders), system disorders, activators of incell responsiveness to pathodous, activators of induce hidler affinity antibodies, and as a means to induce
                                                                                                                                                                                              disorders (e.g. daucher's disease and cancet), neurodesenerative disorders (e.g. Alzheimer's disease, Parkinson's disease), chromosomal
                                                                                                                                                                                                                                               other blood-related disorders (sickle cell anaemia), myetoproliterative disorders, primary haematopoietic disorders, hyperproliterative
                                                                                                                                                                                                                                                                                                                                                                    The invention relates to movel isolated polypeptides (1), and polymorleotides (11), (1), (1) and the antibody to (1) are useful for diatnosind, preventing and treating diseases including immune system disorders (e.g. congenital and acquired immunodeficiencies, autoimmune
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Noted payypartides useful for diagnostic, treating, presenting and/or prognostic disorders related to the proteins, including cancers, immu
                                                                                                                                                                                                                                                                                                  (8.4.
                                                                                                                                                                                                                                                                                                                      transplant rejections and graft versus host disease, intectious diseases
                                                                                                                                                                                                                                                                                                                                             disorders (e.g rheumatcid arthritis), inflammatory conditions, organ
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adheston actionic (MMAL). The XMAD is used for screening a compound for effectiveness as an eachist or antegenist of XMAD. The identified adopts or antagonist are used for treating a disease or condition associated
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                                                                                                 The present sequence is a bunda extracellular matrix and cell
                                                                                                                                                                      Claim I; Page 111-112; 185pp; English
                                                                                                                                                                                                                                                                            prevention, treatment of denetic, autoimmune and cell proliferative
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has 22. Conservation ".
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o, Migmat those
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Query Match 9.4%; Score 22; LR 22; Hest Local Similarity 100.0%; Fred. No. 1.7e-12; Matches 22; Conservative 0: Mismatches 0;
$1 JAN-2000;
04 FEH-2000;
24-FEH-2000;
02-MAR-2000;
16 MAR-2000;
17-MAR-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       autoimmune/inflammatory disorders such as acquired immune deficiency syndrome (AIDS). Addison's disease, alloquies incoming aschmen, atheroselerosis, Crohn's disease, diabetes mellitus, atopi-defmatitis, diomerulomephritis, multiple selerosis, Grave's disease, osteoarthritis, osteoperosis, psoriasis, rheumatoid arthritis, ulcerative colitis, bacterial, tungal, parasilic, protozori and helminthic intections and cell proliterative disorders such as actinic keratosis, ar erioscletasis and concer including breast, bladder, bone marrow, brain and uterns cancer, leukaemia, ademorarcinoma, lymphowna, melarowna and myeloma.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                antiinHammatory; anti-HIV; antibacterial; antiinHammatory; cancer; immune system disorder; rheumatoid arthitis; inHammatory condition; orden transplant rejection; interction; hepatitis e; blood cisorder; sickle cell anaemia; hyperprolliferative disorder; baucher's disease; seckle cell anaemia; hyperprolliferative disorder; baucher's disease; reprodesperentive disorder; Al-Seimer's disease; Farkinger's disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                animals (mice or rats) to model human diseases, oligonucleotide or longer transments derived from the polynucleotide sequences may be used as elements on a microarray. Antibodies which specifically bind XMAD may be used for the diagnosis of disorders associated with the expression of XMAD, or in assays to monitor patients being treated with XMAD. Diseases diagnosed, prevented or treated include genetic disorders such as
                                                                                                                                                                                                      17
                                                                                                                                                                                                                                                     02 AUG-2001
                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              chromosomal abnormality; Down syndrome; ischaemia; renal disorder; cardiovascular; respiratory; wound healing; enderine; Addison's disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Neuroprotective; cytostatic; dermatological; immanosuppressive; tumour;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         07 NoV-2001 (tirst entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                      reproductive system;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        associated with expression of XMAD. They are also used for generating
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therapy to correct a genetic deficiency, to express a conditionally
lethal gone product and to express a protein which affords protection
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                                                                                                                                                                                                -JAN-2001; 2001Wo-US01312
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200000S-0186350
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the invention relates to novel isolated pelypoptides (1), and polynocleotides (1), (1), (1) and the antibody to (1) are in
                                  Claim 1; SEQ 1D No 953; 880pp; English.
                                                                 Note 1 pelypoptides exected for diagnosing, treating, presenting and/or prognosing disorders related to the proteins, including cancers, immu
                                                          disorders and neuronal disorders
                                                                                                        N ESIJB, AAS27305
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                                                                                                                                                                 (HUMA: ) HUMAN GENEME SCI INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           diagnosing, preventing and treating discuses including immune system disorders (e.g. compenital and acquired immunodeficiencies, autoimmune disorders (e.g. rheumatoid archivis), inflammatory conditions, organ transplant rejections and graft versus host disease, infectious diseases
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            New isolated nucleic acid detection reagent for detecting 1000 or more
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                                                                                                                                                                                                                                                                                                                                                                                                           uenes from Drosophila and for elucidating cell signalling
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useful in developmental biology and in elucidating cell signalling cell cell interactions in higher enhancements for the development of insecticides, therapeutics and pharmaceutical drugs. The invention

capable of detecting 1000 or more genes from Drosophila. The invention

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The invention relates to an isolated nucleic acid detection reagent

Disclosure: SEQ 1D No 10527; 21pp + Sequence Listing: English

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                                                                                                                                                 capable of detecting 1000 or more sense from Drosophila. The invention is useful in developmental bickopy and in checkethacting cell stemalling and cell-cell interactions in higher cukarycates for the development of insecticides, therapeutics and pharmanoutical drugs. The invention discloses genomic load sequences (ABLDETE-ABL30511), expressed book sequences (ABLDETE-ABL30511), expressed book sequences (ABLDETE-ABL30512).
                                                                                             The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at Ttp.wipo.int/pob/poblished_pet_sequences.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     discloses genomic DMA or protocs (ABL16176 ABL20511), expensed DMA sequences (ABL01840-ABL16175) and the encoded proteins (ABB57747 ABB72072).
                                                                   Sequence
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11-JUL-2000; 2000US 0614159.
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                                                                                                                                                                                                                                                                      The invention relates to an isolated nucleic acid detection reagent
                                                                                                                                                                                                                                                                                                                                                      genes from brosophila and for elucidating cell signalling and cell-cell
                                                                                                                                                                                                                                                                                                                                                                       New isolated nucleic acid detection reasont for detecting 1000 or more
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Score 14:
Pred. No.
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e.e012;
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Best Local Similarity

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Conservative

Mismatches

RESULT 17 VERP 45777

ABB63222 Standard: Protein; 530 AA

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AAR85851
Oberry Match 5.2%; Score 12; DE 16; Length 428; Best Local Similarity 100.0%; Fred. No. 0.0079;
                                                                                                                                                                                                               is between protein kinase C and receptors of activated protein kinase (kWK), case LAVK I (AAK87850). Instaction AAK87881 82 were isolated based on homology with beta-transducin, whereas proteins AAK85882-92 were isolated based on homology with the WD-40 consensus sequence (AAF8580). The proteins were used to construct the peptides AAK84928-R85064 and AAK85786-R858642. The peptides can be used to identify target proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WDMO repeat region; beta-transducin; protein-protein interaction; drug; intracellular signalling; protein kinase C; homology; motit; modulator; receptors of activated protein kinase; enzyme activity; isozyme; buman.
                                                                                                 Sequence
                                                                                                                                                                  contq. Wb-40 motits, as modulators of enzyme esp. isozyme, activity of proteins involved in protein protein interaction and to screen for droas
                                                                                                                                                                                                                                                                                                                                                                                     called beta-transducing homologous) amino acid repeat motifs. The Wb-46 regions are involved in protein protein interactions between proteins
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Example 5, Page 78-80, 351pp, Buglish.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   protein contq. a WD-40 region.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New WD-40 (beta transducin) derived polypeptide(s) - which after the activity of a protein, eq. protein kinase 5, which interacts with a
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       01-FEB-1994;
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                                                                                                                                            that will attest protein-protein interaction insolving WE-4+ domains
                                                                                                                                                                                                                                                                                                                                                                                                                                    Proteins AAk85851.92 are protein which contain at least one WD-40 (also
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mochly-Rosen D,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    31 JAN 1995;
                                                                                                                                                                                                                                                                                                                                                              involved in intracellular signalling. An example of such an interaction
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  288 dddddddddddddd 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               217 φυσφοροροστρο 229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16
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                                                                                                 4 2H AA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ron D;
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Matches 12; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                        The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO at Itp.wipo.int/f.d/f.d/itbbd_J.k_rejac.co.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       insecticides, therapeutics and pharmacoutical drugs. The invention discloses Jenomic BMA copuraces (ABLU6176 ABLECTI), expressed BMA sequences (ABLU640 ABL16175) and the encoded proteins (ABBC084737-ABB72072).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 capable of defecting 1999 or more gones from Prosophila. The incontinuum useful in developmental biology and in elucidating cell signalling and cell-cell interactions in higher outeryctes for the development of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New isolated nucleic acid detection readent for detecting 1000 or more dense from Drosophila and for elucidating cell signalling and cell-cell interactions.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 pharmaceutical.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           brosophila melanogaster polypeptide SEQ ID No 16458
0.8614.6571.8.
                           Homo suprems.
                                                                                                     Human SEC-3 protein.
                                                                                                                                                                     AARSY278;
                                                                                                                                                                                               AAB59278 standard, protein, 1412 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       27 SEP-2001
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   brosophila melanogaster.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26: MAR 2002 (first cutty)
                                                           inflammation; tamour; cancer
                                                                        storoid receptor coactivators, sec. 3, appliensor
                                                                                                                                     27 MAR 2001 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               the invention relates to an isolated nucleic acid detection reagent
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Disclosure: SEQ ID NO 16458: 21pp - Sequence Listina: English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        N-PSDH: ABL07325
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                                                                                                                                                                                                                                                                                                                                                                                                              540 AA;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             developmental biology and signalling inscribing
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Ic0.0%: Pred. No. 0.0096;
ive    0; Mismatches    0; Endels
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Mest Local Similarity 100.0%, Fred. No. 0.023;

Matches 12; Conservative 0, Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              targeted to a nucleic acid molecule encoding human steroid receptor coactivator-3 (SRC-3), The invention is useful for inhibiting the expression of SRC 3 in human cells or tissues in vitro. It is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Movel untidense compound useful to prevent or delay infection, inflammation or tumor formation, specifically hybridizes with and inhibits the expression of human steroid receptor coactivator-1.
₩ 3857982 A2
                                                  to which
                                                                                                                                                                                                                                                                                                                        Homo sapieus.
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                                                                                      F-108
                                                                                                                          Region
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                                                                                                                                                                                                Domain
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                                                                                                                                                                                                                                                                                                                                                                           breast cancer, lung cancer; colon cancer; prostate cancer;
                                                                                                                                                                                                                                                                                                                                                                                                             AIBL: amplified in breast cancer; cancer; steroid; receptor;
                                                                                                                                                                                                                                                                                                                                                                                                                                               AIBI (Amplitied in breast cancer-1) protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12 MAY-1999 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          useful for diagnostics, therapeutics, prophylaxis and as research reagents and kits. It is useful prophylactically, to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Example 13; Column 43-54; 36pp; English.
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                                                                                                                                                                                                                                 H Pulley]
                                                                                                                                                                                                                                                                     HT PHICKT
                                                                                                                                                                                                                                                                                                                                                                                              coactivator; SCR; estrogen; ER; estrogen dependent transcription;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           prevent or delay intection, inflammation or tumor formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The present invention relates to an antisense oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (ISIS ) ISIS PHARM INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 313 05000000000000000
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                                                    .1272
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                                 Polyglutamine_tract
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                                                                   Gliatamine_rich_region
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Best Local Similarity 100.
Matches 12: Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           indicates aborrantly proliferating cells, thus detection of increased expression of the AIB1 wase or a locarcase. In the number of copies of the AIB1 when can be used to diagnose cuncer or a predisposition towards developing cancer. Compounds which inhibit expression of AIB1 or compounds which inhibit interaction of AIB1 with steroid receptors or nuclear co-factors can be used for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               New isolated steroid receptor co-activator, AIBI - used to develop products for the diagnosis and treatment of steroid responsive fullours, e.g. breast, fully, prostate or colon cancers or melanomias
                                              Znote
Misc ditterence 1510
                                                                                                                                       Key Location/Onalitiers Misc-difference 1424
                                                                                                                                                                                                                                                                                                                                                                                                                                         1263 gggggggggggtg 1274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The AIBI protein is a member of the steroid receptor exact vator-1 (Sek I) family of nuclear receptor co-activators that interact with estrogen receptors (EK) to enhance EK dependent transcript on. The AIBI gene is amplified and over-expressed in certain cancers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Molitzer P,
                                                                             Misc-difference
                                                                                                           Misc difference 1432
                                                                                                                                                                                       Homo saprens
                                                                                                                                                                                                                    hormone response element; estroden receptor alpha; neoplastic
                                                                                                                                                                                                                                                                  Bundan Steroid receptor coartivator i (ser c)
                                                                                                                                                                                                                                                                                                                                                                AAY21975 standard; Protein; 1522 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The AIBI polypeptide can be used to identity compounds which inhibit ER-dependent transcription. Increased expression of the A.BI gene
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                                                                                                                                                                                                                                 Steroid receptor coactivator 5, SRC 3, transcription enhancement, human,
                                                                                                                                                                                                                                                                                                  OS-SEP-1999 (tirst entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 reducing the proliferation of cancer cells.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        in particular breast cancer and steroid hormone responsive cancers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Claim 3; Page 31-33; $7pp; English.
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100.0%; Pred. No.
"ME of brings
                             "encoded by TAG"
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AAB72672
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Best Local Similarity
                                                                                                                                                                                                                                          Addinal model; polydistamine tract; neurodegenerative disorder; Hali; beat wheek precisional feet at ricepeptide repeat precisions. Page: stroke; mayeloid lookaemia factor I MLF; human; truit tly; Alzheimer's disease; Farkinson's disease; CJD, ESE, Hantington's disease; bead trauma, cameer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1266 - Ayrrygyggggt q 1277
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 tormation of SRC-3 transcription complexes. Determining the amount of 3RC-3 in a sample is also useful in a method to detect overexpression of SRC-3 and therefore determining the meoplastic states of cells in humans
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  response elements, e.g. estrogen receptor alpha. SMC-3 can be used in methods to screen for compounds that bind to SMC-3 or which modulate
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                This represents a human steroid receptor coactivator-3 (SRC 3). Host cells transformed with vectors comprising the SRC 3 dance can be used to the recombinant production of the SRC 3 protein. SRC 3 can be used to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Nuclede acid encoding a steroid receptor co-activator-s, useful to determining the neoplastic states of cells in humans of animals {\bf r}
                             12-AUG-1999; 99US-0148934
18-JAN 2000; 2000US-0177047
19-MAY 2000; 2000US-0205720
                                                                                                                                              1007 - 834-77
                                                                                                                                                                            W0200112248 A1
                                                                                                                                                                                                           brosophila sp.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 enhance the transcription of genes, which are regulated by hormone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Claim 2: Page 61-68: 75pp; English.
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                                                                                                           14-AUG-2000; 2000Wo US22496
                                                                           12 · ADG 1999;
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100.0%: Pred. No. 0.025;
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ADOTOMBECH JE ISRT VIKE JIW.

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Best Local Similarity 100.0%;
                                                                                                                              included Bridge I transcription factor is able a scide protein, and antibody, useful for the diagnosis and freatment of developmental disorders such as diabetes \dot{\gamma}
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            for identifying treatments for sepredegenerative and proliferative disorders, including Alzheimer's disease, Parkinson's disease, Crentzfeldt Jacek's disease (CID), besides specificing encephalogathy (BSE), Huntington's disease, Machado Joseph disease, Spinocerchellar atasis, betatit is patted by the Prophysical Francis's licease, Strip
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               the present invention describes a method of screening for genes which modulate polyglutamine toxicity using animal models with polyglutamine sequences that cause toxicity using animal. The model is preferably prosophila, and toxic polyglutamine sequences include the human and brosophila heat shock protein 49/HBJL tetratricopeptide repeat protein (TPR2) and myeloid leukacmia factor [ (MLF) genes. The model is useful
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Drosophila melanoqaster
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Disclosure; Figure 20; 179pp; English
                                                                                                                                                                                                                                                                                                                                                                                                 WPI: 2000 638638,761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Habener JF, Thomas MK,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21 APR-2000: 2000W0-US10615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          W0200065652-A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Protein containing PDZ domain with homology to Bridge-1 SEQ ID 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAB53232 standard; Protein: 80 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  head trauma and cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example 2: Fig 18: 275pp: English
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (YAOK/) YAO K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (WONOZ) WONG G G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (ZMOHII)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (HABE/) HABENER J F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  22 · APR - 1555;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       THOMAS M K
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           42 AA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Wong GG,
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Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The present invention relates to cDNA sequence AAC97642 which encodes a Rridge-1 protein AAB53214. Bridge-1 is a transcription factor, and has a RE damain. AAB53215. AAB53217 represent proteins which are homologous to Bridge 1, and AAB53218. AAB53227 represent proteins with FDE domains are discontent or raise antibodies against Ridge 1, while a prote and mutagenic primers AAC97643. AAC97649 are used in the isolation of Bridge-1 cDNA. Bridge-1 has antidiabetic activity, and can be used in agenc therapy. The Bridge-1 transcription tractor can be used to treat developmental disorders and diabetes, and the antibodies can be used to detect Bridge-1, included in the invention are Bridge-1 related collegence therapy.
useful in developmental blology and in chicidating cell signalling and cell-vell inter education higher cell-releases to the development of insecticides, the appendicts and pharmacentical drugs. The invention disclosed general GANA sequences (ARLIGITE ARLIGITE), expressed DANA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Drosophila melanoquister polypeptide SEQ ID NO 47653.
                                                                                                                                                                Disclosure, SEQ 1D NO 37653, 21pp \pm Sequence Listing; English
                                                                                                                                                                                                                                                                                                                                                                                                                                 (PEKE ) PE CORP NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    23-MAR-2000; 200008-191637P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Drosophila melanogaster.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Drosophila: developmental biology; cell signalling; insecticide;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   26:MAR-2002 (first entry)
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                                                                                             capable of detecting 1000 or more genes from Drosophila. The invention is
                                                                                                                      The invention relates to an isolated nucleic acid detection reagent
                                                                                                                                                                                                                                          genes from Drosophila and for elucidating cell-signalling and cell-cell
                                                                                                                                                                                                                                                                   New isolated nucleic acid detection reagent for detecting 1000 or more
                                                                                                                                                                                                                                                                                                                  N.PSDB: ABL14 490.
                                                                                                                                                                                                                                                                                                                                                                                       Venter Jo.
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                                                                                                                                                                                                                                                                                                                                                                                       Adams M.
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    Mismatches

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Pred. No. 0.015;
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specification, but was obtained in electronic format directly from WIPo

The sequence data for this patent did not form part of the printed

discretize decoming that sequences (ABLIBITE who BESTID) to sequences (ABLIBARA ABLIBITS) and the encoded proteins (ABBST717 ABB72072).

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18-JAN-2000;
19-MAY-2000;
                                                                                                                             modulate polyglutamine toxicity using animal models with polyglutamine segmences that cause toxicity in the animal. The models with polyglutamine segmences the local is professly Drosophila, and toxic polyglutamine segmences include the luman and Drosophila heat show protein 40/HD/H, toxicaticepoptide repeat practice (TPR2) and meating the residence of the local temperature of the light section to identifying transmers for neurodephagean incorp. It reliable is useful to identifying transmers for neurodephagean incorp. I reliable the disorders, including Alzheimer's disease, Farkinson's disease, Creutzfoldt Parch's disease, Machado Joseph disease, spinocerebellar atvire, for atomicer of disease, Machado Joseph disease, spinocerebellar atvire, for atomicer of disease, stroke, model resume and cancer.
                                                                                                                                                                                                                                                                                                                                             Example 2; Fig 1B; 275pp; English.
                                                                                                                                                                                                                                                                                                                                                                                   and Creutzteldt-Jakob disease
                                                                                                                                                                                                                                                                                                                                                                                                  toxicity, asctul for treating Alzheimer's discase,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Benzer S,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (CALY ) CALIFORNIA INST OF TECHNOLOGY.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Parkinson's disease; CJD; BSE; Huntington's disease; head trauma; cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Asimal model: polyglyfamine fract; neurodegenerative disorder; HDJ]; hout shock protein 40: tetratrivopoptide repeat protein 2; TPF2; stroke myciquid leukaemia factor l; MEF, human; fruit fly, Alzheimer's disease;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Polyglutamino tract #2
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                                                                                                                      head trauma and cancer.
                                                                                                                                                                                                                                                                                                                                                                                                                 Identifying genes or other compounds that modulate polyglutamine
                                                                                                                                                                                                                                                                                                          The present invention describes a method of screening for genes which
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12-AUG-1999;
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                  Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kazemi-Esfarjani
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 COMPACTOR
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200008-0205720
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            4.7%; Score 11; DB 22; 100.0%; Pred. No. 0.026;
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                                DB 22; Length 149;
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AAE03950
therapy. Pathological conditions can be diamonsed by determining the amount of the new protein in a sample or by determining the presence of mutations in the new genes. Specific uses are described for each of the 50 genes, thank on the tissues in which the case most highly expressed.
                                                   The genes and their secreted proteins are useful for preventing, treating or ameliorating medical conditions, e.g., by protein or gene therapy. Pathological conditions can be diagnosed by determining the
                                                                                                     AADS8315 AADS9331 represent cDWA. Corresponding to 50 businessected protein genes and AAE03898-AAE03947 represent the proteins they encode. AAE03948-AAE03996 represent human secreted protein fragments or variants.
                                                                                                                                                                                                                          Nucleic acids encoding 50 homon secreted polypeptides, useful for permitting distriction at Lory textiled discogery, e.g. Parkinson's
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     W0200077022-A1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    endocrine disorder, intention; wound healing; volucerar
rell culture, chemotaxis, isod additive, gene therapy;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         gastrointestinal disorder; pregnancy-related disorder;
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                                                                                                                                                                            Disclosure: Page 556-557; 614pp; English.
                                                                                                                                                                                                                                                                                    WP1, 2601 367025/38.
                                                                                                                                                                                                                                                                                                                                                      (HUMA ) HUMAN GENOME SCI INC
                                                                                                                                                                                                                                                                                                                                                                                                                               01-JUN-2000; 2000WO-US15136
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   binding partner identification.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        skin disorder, psoriasis, sepsis; diabetes, atherosclerosis;
cardiovascular disorder, angiogenic disorder, kidney disorde
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           inflammation; allergy; neurological disorder; Alzheimer's disease; Parkinson's disease, cognitive disorder; schizophrenia; asthma;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human; secreted protein, proliferative disorder; cancer; tumour:
                                                                                                                                                                                                               discase, betalish, cancers and Scimitar syndrome
                                                                                                                                                                                                                                                                                                                       Rosen CA,
                                                                                                                                                                                                                                                                                                                                                                                           11-JUN-1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                21 DEC 2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             foetal abnormality; developmental abnormality; bacmatopole
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            immune system disorder; AIDS; autoimmune disease; rheumatoid ar hritis;
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                                                                                                                                                                                                                                                                                                                     Ruben SM,
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                                                                                                                                                                                                                                                                                                                                                                                           9908-0138629
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /note- "Xāā ēquāls
L-amino acids"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /label- Unknown /Label- Unknown spals asy of the saturally occurring L-amino acids"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note- "Xaa equals
L-amino acids"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        any of the naturally occurring
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           kidney disorder:
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Best Local .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 sumburn, to maintain organs before transplantation, for supporting cell culture of primary tissues, to regenerate tissues, to identify their cognate ligands or binding partners, and in chemetaxis, and can be used as a food additive or preservative to modify storage properties. Antibodies specific for a protein of the invention can be used in allowing ind symptoms associated with the disorders mentioned above, and in diagnostic immunoassays e.g. radioteromoressays or enzyme linked.
capable of detecting 1000 or more genes from Drosophila. The invention is useful in developmental biology and in elucidating cell signalling and
                                                                                                                                           New isolated nucleic acid detection reagent for detecting 1000 or more genes from Drosophila and for elucidating cell signalling and cell-cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             in diagnostic immunoassays e.g. radioirmonoassay or entyme linked immunosorbent assay (ELISA). The present sequence represents a human secreted protein fragment referred to in the disclosure of the invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               questrointestinal disorders, prequancy-related disorders, endocrine disorders, and infections. The proteins can also be used to aid wound healing and epithelial cell proliferation, to prevent skin aging due to
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       and include developing products for the diagnosis or treatment of proliferative disorders, cancer, tumours, footal and developmental abnormalities, haematopoietic disorders, diseases of the immune system, AIDS, autoimmune diseases (e.q., rheumatoid arthritis), inflammation,
                                                                                                                                         genes from Drosophila
                                                                                                                                                                                                           N-PSDB; ABL11400.
                                                                                                                                                                                                                                                                      Venter JC, Adams M,
                                                                                                                                                                                                                                                                                                           (PEKE ) PE CORP NY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Drosophila melanogaster.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Drosophila melanogaster polypoptide SEQ ID NO 28683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABB67297 standard; Protein; 304 AA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          cardiovascular disorders, unglogenic disorders, kidner disorders,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   allergies, neurological disorders (e.g., Alzheimer's disease
                                        The invention relates to an isolated nucleic acid detection reagent
                                                                                                                                                                                                                                                                                                                                                   11-JUL-2000; 2000US-0614150
                                                                                                                                                                                                                                                                                                                                                                        23-MAR-2000;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Drosophila; developmental biology; coll-signalling; insecticido;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             skin disorders (e.g., psoriasis), sepsis, diabetes, atherosclerosis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Parkinson's disease), esquitire disorders,
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SES
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                                                                              ID NO 28683; 21pp + Sequence Listing,
                                                                                                                                                                                                                                                                      Li PWD,
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100.0%; Pred. No. 0.032;
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                                                                                                       insecticides, therapeutics and pharmaceutical drugs. The inventi-
discloses genomic DNA sequences (ABL16176-ABL30511), expressed I
sequences (ABL01840-ABL16175) and the encoded proteins
                                                                                                                                                                The invention relates to an isolated nucleic acid detection reagent capable of detecting 1000 or more genes from brosophila. The inventuable of detecting 1000 or more density of the straight in developmental biology and in elucidating cell signalling extlined interactions in higher entaryotes for the development of
                                                                                                                                                                                                                                                            Disclosure, SEQ ID NO 34128; 21pp + Sequence Listing; English
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11 JUL 2000, 2000US 0614150
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                                   at 1tp.wrpo.int/pub/published_pct_sequences
                                                        specification, but was obtained in electronic format directly from
                                                                      The sequence data for this patent did not form part of the printed
                                                                                                                                                                                                                                                                                                                 New isolated nucleic acid detection reagent for detecting 1808 or more genes from Drosophila and tor elucidating cell signalling and cell-cell
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AAR47259 Standard; Protein; 438 AA
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                                                                                                                                                                                                                                    Sequence
                                                                                                                                                                                                                                                                                                                                                                                   useful in developmental biology and in charidating cell signalling cell-cell interactions in higher outaryotes for the development of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Disclosure: SEQ ID No 14724; 21pp \times Sequence Listing: English
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11 JUL 2000; 2000US-0614150
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                                                                                                                                                                                                                                                                                    the sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO
                                                                                                                                                                                                                                                                                                                                                                                                                       capable of detecting 1000 or more genes from Drosophila. The invention
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          denes from brosophila and for ebooldating cell signalling and cell cell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          New isolated micheic acid detection readout for detecting 1000 or more
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100.0%: Pred. No. 2.063;
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100.0%: Fred. No. 0.05:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    with morphogenic activity. Each subunit comprises more than by amino acids having a pattern of eysteine residues characteristic of the morphogen family. Each subunit comprises a matrue torm of a subputit of a morphogen tamily of the morphogen family.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  The sequences given in AAR47254-64 represent osteogenic proteins. The matthe osteogenic proteins may be used as at least one subunit in the dimentic protein of the invention. This dimentic protein compiles a
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human; hippocampus; osteogenic protein; oP-1; subunit; dimer; morphogenic activity; cysteinc; morphogen; tamily; pro-region; complex; soluble; adueous solvent; the aboutic composition symptom alleviating; co-factor; antibody; diagnosis; assay;
ABB59194 standard; Protein; 550 AA
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in mammals and disanosing tissue disorders
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                                                                                                                                                                                                                                                                                                                  capable of detecting 1000 or more genes from brosophila. The invention is useful in developmental biology and in elucidating cell signalling and cell-cell interactions in higher enkaryotes for the development of insecticides, therapeutics and pharmaceutical drugs. The invention discloses genemic ENA sequences (ABL16176 ABL36571), expressed DNA sequences (ABL01840-ABHJ6175) and the encoded proteins (ABL01840-ABHJ6175). The sequence data for this patent did not form part of the printed specification, but was obtained in electronic format directly from WIPO specification, but was obtained in electronic format directly from WIPO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   New isolated nucleic acid detection reagent for detecting 1000 or more genes from Drosophila and for elucidating cell signalling and cell-cell interactions – \,
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APPLICANT: Rosen et al.
LILLE OF INVENTION: Nucleic Acids, Preteins, and Anticulic
Fille Reference: pm037
CULBERY AFTLICATION REMBER, SECTO, TER 187
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FRIOR APPLICATION NUMBER, 60,7180,628
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FRIOR FILING DATE: 2000-02-04
NUMBER, SECTO IN NOS. 750-04
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No. 2.2e-220; Matches 234, Conservative v_i Mir v^{(i)} v_i
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CURRENT APPLICATION NUMBER 08/08/570,118 CURRENT 11.133 .wil. 2000-08-12 PRIOR APPLICATION WHERE 09 60/14,114 PRIOR FILING OATE 1999-08-14 PRIOR ELING DATE 1999-08-14 PRIOR FILING DATE 1999-08-14
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PRIOR FILING DATE: 2000-02-14
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PRIOR APPLICATION NUMBER: 08 60/196,267
PRIOR FILING DATE: 2000-04-11
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Matches 92: Conservative 0:
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TITLE F INVERTIAL HELECTIAS AFFECTIVES IN TENENCE 020054-001 9000S
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SOFTWARE: Patentin Ver. 2
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PRIOR AFFLIANTON MUMBER, 03-66/174,453
PRIOR AFFLIANT DATE: 1999-12-11
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APPLICANT: Lu, Pete
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PRIOR ATPLICATION HIMBER, 03-03
PRIOR PILING DATE: 2000-10-13
PRIOR ATPLICATION HIMBER, 05-09
PRIOR FILING DATE: 2000-11-10
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Best Local Similarity
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APPLICANT: Actor Vite Corporation
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TITLE OF INVENTICAL COID
FILE REFERENCE: 020054-00113008
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PRIOR AFTEL Z.TLA NUMBER, UK F
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PRIOR APPLICATION HUMBER, US 6
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PRIOR PILLING SAID, 2000 05
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HEMBER. 07 04/711/474

HEMBER. 07 04/711/474
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WUMBER, U.S.
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#UMBER, 08 FT/17FT/160
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FINISH FILLING BALE: 2000 05 12

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FIS A FILLING BALE: 2000 05 12

FINISH FILLING BALE: 2000-10-13

FISSER AREST WOSSEN HUMBER 105 76,710,059
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FRICK APPLIACE HUMBER OF OCCURA 059
PRICK FILING DATE: 2000-11-10
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PPIOR APPLICANTING MUMPER (C)C
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                                                         PRIOR FILING DATE: 2000-08-14
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ORGANISM: Artificial Sequence
PRI 18 PERINET GATE:
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PRIOR ADDRESS.

PRIOR APPLICATION NUMBER: 65/2/9/9/8/ERIJAN DATE: 2000-10-14
PRIOR ADDRESS. PRIOR FILING DATE: 2000-10-02 PRIOR APPLICATION NUMBER: 60/240,960 PRIOR FILING DATE: 2000-10-20 PRIOR APPLICATION NUMBER: 60/247,047
PRIOR PRIOR FAIR: 2000 10 02
PRIOR APPLICATION NUMBER: 60/247,040 PRIOR APPLICATION WITHEREN, 62/2107-00 PRIOR FILLING DATE: 2000 10-02 PRIOR APPLICATION NUMBER: 62/237,938 PRIOR FILLING DATE: 2000 10-02 PRIOR APPLICATION NUMBER: 00/236,376 PRIOR FILING DATE: 2000-09-29 PRIOR FILING DATE: 2000-09-2 PRIOR APPLICATION ROMBER (6/214,617 PRIOR FILING FAIE, 2000 11 01 PRIOR APPLICATI N ROMBER (6/215,100 PRIOR FILING FAIE: 1008 08 11 PRIOR APPLICATION NUMBER: 60/224,518 PRIOR FILING DATE: 2000 08 14 PRIOR APPLICATION NUMBER: 60/216,366 PRIOR APPLICATION NUMBER: 48/239,987
PRIOR FILING DATE: 2808-10-13 PRIOR APPLICATION NUMBER: 60/236,802 PRIOR FILING DATE: 2000-10-02 PRIOR APPLICATION NUMBER: 6a/220,5ab PRIOR FILING BATE: 2000-09-05 PRIOR APPLICATION NUMBER: 60/2/11,414 PRIOR FILING DATE: 2000-12-08
FRIOR APPLICATION NUMBER: 60/229,241
PRIOR FILING DATE: 2000-09-01 PRIOR APPLICATION NUMBER: 60/241,785 PRIOR APPLICATION NUMBER: 60/249,299 PRIOR FILING DATE: 2000:11-17 PRIOR APPLICATION NUMBER: 60/220,964 PRIOR FILING DATE: 2000-07-26 PRIOR FILING DATE: 2000-0 PRIOR APPLICATION MINISEE. PRIOR APPLICATION NUMBER: 50/228,524 BEING DRITHE WOLNE PRIOR FILLMS LAMIE: 2002 OF 27
PRIOR ARRIVONITOR MARRIE ONZO 1,271
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PRIOR APPLICATION NUMBER: 60/284,224 PRIOR APPLICATION NUMBER: 50/229,345 PRIOR FILING DATE: 2000-09-01 PRIOR APPLICATION NUMBER: 60/234,997 PRIOR FILING DATE: PRIOR APPLICATION NUMBER: 60/251,856 PRIOR APPLICATION NUMBER: 50,72%6,368 PRIOR FILING DATE: 2000-09-29 PRIOR APPLICATION NUMBER: PRIOR FILING BASE: 2000 0 BRIOR FILING BATE: PRIOR APPLICATION NUMBER: 60/241,809 PRIOR FILING DATE: ERIOR APPLICATION NUMBER: 60/235,834 TRICK FILING DAIE: RIOR FILING DATE: REAL PRINT DAIL PRIOR APPLICATION NUMBER: 60/229,343 PRIME FILING PATE: TRUE DATE APPLICATION NUMBER: 60/241,787 FILING DAIE: 2000 to 20 APPLICATION NUMBER: 60/251.868 APPLICATION NUMBER: 60/246,474 TOATE W NEMBER: 60/229,287 TOATTON NUMBER, 60/229,514 2000 09 29 2000-09-29 2000-04-01 2000-12 98 2000-10 2000-08-14 2000 09 29 2000 09 29 2000-09 05 2000-09-25 1119 22 () E 1 69/236,327 L10 912 ,224,519

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PRIOR APPLICATION NUMBER: 09/694,325

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PRIOR FILLNE INTE 2000-09-01

PRIOR APPLICATION HUMBER: 09/604,936

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Best Local Similarity 100.0%; Pred. Mo. 1.600.
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CURRENT ACCLICATION NUMBER: CCT/US01/04098A
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PRIOR APPLICATION NUMBER, 60,000,009
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PRIOR FILING DATE: 2000 10-20
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Harity 100.0%; Prod. No. 6.20081;
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SEQ ID NO 3522
LENGIH: 198
                                                                                                                                                                              CHEST TOOLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 55, Application 38/00213163 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Quary Match 14.6%, 3core 34; DB 1; Length 198
Best Local Similarity 100.0%; Pred. No. 1.6e 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURSING ACTUALISM FOR MUMBER 50% SEQ 1D NOS: 168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE: 21272-029
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[1718 of INVESTIGATION From Fig. Acids and Folipeptides
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PRIOR FILING DATE: 2000-02-03
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ORGANISM: Homo sapiens
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                                                                      145 RHOGLKRGROLLSVNGVSVEGEHHEKAVELLKAA 178
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18.7% Some to be 28 thought (8)

Best Local Similarity 100.0%; Fred. N. 5.5e-28;

Matches to conservative of Mismorthes of Indels
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FET E ANYTHER HARMOR FILING DATE: 2000-01-20
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NUMBER OF SEC ID NOS: 735
SUFTWARF: Factory for Wildows Version 4 d
                                                                                                                                                          FILE REFERENCE: File Reterence: 7326:094
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SOFTWARE: Patentin Ver. 2.1
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CURRENT FILING DALE: 1999 03-17 NUMBER OF SEQ ID NOS: 62517
                                                                                                 CURRENT APPLICATION NUMBER OF TO THE
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PRIOR FILING DATE: 1999-01-20
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ILPLE OF INVENTION: BAS Activator Backic Acid Molecules, Polypeptides and
ILPLE OF INVENTION: Methods of Use
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                                                                                                                                                                                            TITLE OF INVESTIGATION markets and grant provides of the supplication actual parameters.
                                                                                                                                                                                                                                                                      APPLICANT: Homborrder et al.
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0RGANISM: HUMAN
1YPE: PRI
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APPLICANT: Homburger et al.
THILE OF INVERTION, Nacteic acids and proteins of Drosophila melaloguster
FILL AFFLENCE: File Nacteronec: 7326-094
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Sequence 184254, Application US/09270849B
GERHEAL HPOSMATICH:
APPLICANT: Swimmer et al.
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: GENURAL INFORMATION:
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: LENGTH: 165
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US 09 270-8498-184294
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100.0%; Prod. No. 1.1e-1
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PRICE FILING DATE: 1999-10-19
PRICE APPLICATION NUMBER: 60/161,932
PRICE APPLICATION NUMBER: 60/161,765
PRICE FILING DATE: 1999-10-28
PRICE FILING DATE: 1999-11-12
PRICE FILING DATE: 1999-11-12
PRICE FILING DATE: 1999-11-28
PRICE FILING DATE: 1999-11-28
PRICE FILING DATE: 1999-11-28
PRICE FILING DATE: 2000-91-12
PRICE FILING DATE: 2000-92-24
PRICE FILING DATE: 2000-03-23
PRICE FILING DATE: 2000-03-23
                                                                                                                                                                                                                                                                                                                             SEC ID NO 601
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Best Local Similarity
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TITLE OF INVENTION. DROSOPHILA GENES
TITLE OF INVENTION. DROSOPHILA GENES
                                                                                                                                                                                                                                                                                                                                                  SOFFWARE: FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                            TYPE: PRI
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                                                 11 VASSALINSIALISKÖSKEMANALINSKA 113
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                                                                                                  28;
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                                                                                                  Conservative
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                                                                                                                     12.0%: Score 28; DB 26;
100.0%; Pred. No. 1.3c 18;
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                                                                                                  0; Mismatches
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                                                                                                                                               Length 195,
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US-60-191-637-17123
, Sequence 17123, Application US/60191637
; GENERAL INFORMATION:
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US 60 173 464 14024
; Sequence 14024, Application US/60173464
                                                                                                                                                                                                                                                                                                    US-60-191-681-13553
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US 60 191 637 17123
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CUSERLY FILTHS EATE: 2000/03/23
: NUMBER OF SEQ ID NOS: 42660
SOFTWARE: Fast SEQ for Windows Version 4.0
: SEQ ID NO 17123
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; LENGTH: 195
                                                                                                                                                                                                                                                                                                                          RESULT 21
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                                                                                                                                                                                                                                           ; Sequence 13553, Application US/60191681
; GENERAL INFORMATION:
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Best Local Similarity 100.0%, Pred. No. 1.3e-H
Matches 29; Consorrative 0; Mismatches
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Best Local Similarity 100.0
Matches 18, Conservative
                      CURRENT APPLICATION NUMBER: 08/60/191,681
CURRENT TILLES DATE: 2000-03 23
NUMBER OF SEQ ID NOS: 30973
                                                                                                                            APPLICANT: Li, Peter, W.D.
TITLE OF INVENTION: ISOLAT
TITLE OF INVENTION. ACID M
TITLE OF INVENTION: USES
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TITLE OF INVENTION: NUCLEIC ACLU DEEDCTION KITS COMPRISING
TITLE OF INVENTION. GENE SEQUENCES EXPRESSED FROM THE DROSOPHILA GENOME, AND
TITLE OF INVENTION. USES THERBOF
FILE REPERENCE: 01090392
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CTERENT FILLING LAME: 1999-12-29
NUMBER OF SEQ ID NOS: 30269
SCETWARE: FASUSEY for Windows Version 4.0
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TITLE OF INVENTION. ISOLATED G-PROTEIN COUPLED RECEPTORS,
TITLE OF INVENTION. NUCLEIC ACID MOLECULES ENCOURS STOR PROTEINS AND HSPS
TITLE OF INVENTION: THEREOF
                                                                                                           FILE REFERENCE: c1000390
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SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                                               ISOLATED DROSOPHIIA PROTEINS, NUCLEIC ACID MOLECULES ENCODING ICOLATED DROSOPHILA PROTEINS AND USES THEREOF.
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19000%, Fred. No. 1.3e-18;
pative 0, MisHatches 0;
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: Sequence 191322, Application US/092708498
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                                                                                               RESULT 24
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: OGIANISM: Drosophila melanogaster
US-09-270-767-48563
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: ORGANISM: Drosophila melanoqaster
US-09 270-767-33346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEO 1D NO 48563
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GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 62517
SOFIWARE: Patentin Ver. 2.0
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HILLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
FILE REPERENTE: File Reference: 7426-054
FILE REPERENTE: File Reference: 7426-054
FILE REPERENTE: File Reference: 7426-054
FILE REPERENTE: FILE REPRESENTATION NUMBER: USCANZOZO 767
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HITLE OF INVENTION: Nucleic acids and proteins of Drosophita melanoquater
FILE REFERENCE: File Reference: 7.46.094
CURRENT APPLIMATION BUMBER [25,200.070.757]
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100:0%; Prod. No. 1:3e-1
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US-60-181-269-1173 : Sequence 1173, Application US/60181269 : GENERAL INFORMATION:

APPLICANT, Bondsel, Vivion

TITLE OF INVENTION: ISSIALED HOMAN TRANSPORTER FROITINS,
THEE OF INVENTION: AND USES THERBOF

TOTLE OF INVENTION: AND USES THERBOF

SOFTWARE: FastSEQ for Windows Version 4.0 SEQ 1D No 1173

NUMBER OF SEQ 10 NOS: 1186

FILE REFERENCE: (1.000226 COPREN APPLICATION RUNNIE: UC/CC/TRL, 269

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RESULT 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               : Sequence 3. Application US/09909005 : GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                          : SEQ ID No 3
                                                                                                                                                 Sucry Mater. (1.6%) Score 27: DB 28: Best Local Similarity Loc.0%; Fred. No. 1.8e-17: Matches 27: Conservative 0: Mismatches 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 28; Conserv
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APPLICANT: Patterson, Chandia
TITLE OF INVENTIONS CELL JUNCTION FOR PROTEIN
FILE REFERENCE: PF-0599 US
                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR ATTLICATES ROBBEK, DASCER ACCIONTA SINDMETE (SQUIGSTO,1)2
PRIOR FILING DATE, BARLIER FILING DATE: 1999-08-06
NUMBER OF SECTE NOSC 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT ATTLEND DATE: 1999 OK 17
NUMBER OF SEQ TO NOS: 195450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION NUMBER: US/09/909,005
CURRENT FILING DATE: 2001-07-18
                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: PERL Program
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Swimmer et al.
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                                                                                                                                                                                                                                                                                                                              okoanism: Caeborhabditis elegans
                                                                                                                                                                                                                                                                                            OTHER INFORMATION: q1685067
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                                                                                                         117 GLGENWESSKISSMSSTYTCKLIFCGVA 143
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                                                                209 GLGENVMGSKEQNSPIYIGRIIEGGVA 235
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100.0%: Pred. No. 1.4e 18;
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US-09-270-767 42999
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: Sequence 964, Application US/09764868
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COROLANISM: Homo sapiens
FCT-US01 of (12-964
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PCT-0801:01312-964
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CURRENT FILING DATE: 2001-05-09

Prior application data removed - refer to PALM or file wrapper

NUMBER of SEQ ID NOS: 1510

SUFTWARE: Parentin Ver. 2.0

SEQ ID NO 964
                                                                                                                                                                 every Match
Best Local Similarity 100.0%;
Forchos 22) Conservative (
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                                                                                                                                                                                                                                                                                                                                                                                                                     Prior application data removed - refer to PALM on file wrapper
NUMBER of SEC IN NESS 1510
SOFTWARE: Fatentin Vet. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Rosen et al. Hills of INVENTION: Backle Acids, Proteins, and Antibodies FILE REFERENCE: FTZ32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Human Genome Sciences, Inc., et al.
HITLE OF INVENTION: Nucleic Acids, Fratchia, and Autibodics
FILE REFERENCE: PIZ32PCT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER, US/09/764,868
CURRENT FILING DATE: 20(4) 01 17
                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo sapiens
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IYPE: PRI
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                                                                                                                                        14% RIBGALKRADÇILLEYNGVAVIABE 166
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                                                                                          RHGGLKRGDOLLSVNGVSVEGE 107
                                                                                                                                                                                                        100.0%; Score 22; 18 21; 1
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                                                                                              Query Match
Rest Local Similarity
                                                                                Matchess
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CONSUM: APPLICATION HUBBER, US/09/270.767
CONSUM: TILING UALE, 1999 03 17
NUMBER OF SEQ ID WIS, 62517
SEPTIMARC: Putentin Vol. 2.0
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CURRING FILING DATE: 2000 12 05
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PRIOR FILING DATE: [
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                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEC 10 Nos. 42
SOFTWARE: PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILE REFERENCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION.
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                                                                                                                                                                                                 OTHER INFORMATION. The yet - 15 No: 406284 [CD]
                                                                                                                                                                                                                  NAMES'KEY: misc_feature
                                                                                                                                                                                                                                             FEATURE:
                                                                                                                                                                                                                                                                                  TYPE: PKT
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                                                                                                                                                                                                                                                           oKSANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                    LENGTH:
                                         145 KHGGLKKGLQLLSVNGVSVEGE 166
151 BERAKASPITATI HALLARIA (1817)
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BAUGHN, Mariah R.
LU, Dyung Aina M.
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AZIMZAI, Yalda
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INCYTE GENEMICS, INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             PF-0760 PCT
                                                                          9.4%; Score 22; DB 1; I
100.0%; Pred. No. 1.1e-12;
vultive 0; Mismatches 0;
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Job time: 421 sec

Search completed: May 30, 2002, 06:12:10

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Copyright (c) 1993 - 2000 Computer Ltd.

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Former score: 293
Secring table: 01.00
Searched: 12932 Sequ. 20904062 resides

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Post processing: Listing first 50 summaries

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Result

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ALIGNMENTS

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; IYPE: PRT
: ORGANISM: Homo sapicus
Pet US02-09671-352
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: ORGANISM: Homo Sapicus
PrT US02-09671-451
Pr1 USU2 :09671 - •56
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PRIOR APPLICATION HOMBER: 60,2792,541
PRIOR APPLICATION HOMBER: 60,2792,541
PRIOR APPLICATION HOMBER: 60,2710,361
PRIOR PRILING DATE: 2001-68
PRIOR PPLICATION HOMBER: 60,235,470
PRIOR APPLICATION MOMBER: 60,236,470
PRIOR APPLICATION MOMBER: 60,236,780
PRIOR APPLICATION MOMBER: 60,236,780
PRIOR FILING DATE: 2001-12-04
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Best Local Similarity 100.0%;
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COURTENT FILLING INTE: 2002-03-28
ENLOR ANTILONATION HIMBER: 66/279,199
PRIOR FILLING DALE: 2001-63-28
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PRIOR APPLICATION NUMBER: 60/358,985
PRIOR FILING DATE: 2003-02-20
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PRIOR FILING DATE: 2001 08 08
PRIOR FILING DATE: 2001 10 01
PRIOR FILING DATE: 2001 10 01
PRIOR APPLICATION NUMBER: 60/336.780
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CURRENT FILING DAYE: 2002 93 28
PRIOR APPLICATION MUSEUF, 69,2779,795
PRIOR FILING DAYE: 2001-03-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: FastSEO for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APHLICANT: Zycos inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-026W01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQ ID NOS: 2041
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEC 1D NOS: 2041
                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 1412
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                                                                                                                                            217 დადდდდდდი10 228
                                                                                                                       1.2%; Score 12; DH 1; Length 1412;
100.0%; Pred. No. 0.0024;
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100.0%; Pred. No. 0.8024;
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                                                                                                                                                                                            0: Mismatches
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ROMBER of SECTO News. 2041
RESETWARE: FastSEC for Windows Version 4.0
REQ 10 No. 657
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Remove or of Application PC:0093209631
                                                                                                                                                                                                                                       PCT-US02-09671 357
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ 1D No. 4%:
Ouery Match 5.2%; Georg 12; DB L;
Hest Local Similarity 100.0%; Prod. No. 0.0024;
Matches 12; Conservative 0; Mismatches 0
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Best Local Similarity 100.0%; Pred. No. 0.0024;
Matches 12; Conservative 0; Mismatches 0
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TITLE OF INVENTION. TRANSLATIONAL PROFILING
FILE SETESTICE: 08191-026W01
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FRIER ACTULTATION NUMBER 65/29/2-544
FRIER FILLING DATES 2001-05-21
PRIER ACTULTATION NUMBER 65/110,801
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TITLE OF HAVERTION: TRANSLAPTONAL PROPILING
FILE RETEREET, 08191-026W01
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PRIOR FILLIN DATE: 2001-08-08
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PRIOR AFELICATION NUMBER, 60
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PRIOR APPLICATION NUMBER: 60/292,544
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE:
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; ORGANISM: Homo supiens
PCI USUZ-09671 359
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                                                                                                                                                                                                 PROFE APPLICATION NUMBER: 60/08/985
PRIOF FILTER CATE: 2004-02-20
NUMBER OF SECTION NO. 459
SOFTWARE: FIRTER TOT WHILLIAM VETBILL 1.0
SEQ. ID NO. 459
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 346. Application 107/IUS0209671
GENERAL INFORMATION:
APPLICANT: Zycos Inc.
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PRIOR ELLING PATE: 2001-06 21
PRIOR APPLICATION NUMBER: 60/310.881
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PRIOR PILITE TATE: 2001 12-04
PRIOR PILITE TATE: 2001 12-04
PRIOR PILITE TATE: 2001 22 22
PRIOR PILITE TATE: 2002 82 20
PRIOR PILITE TATE: 2002 82 20
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PRIOR APPLICATION NUMBER: 60/279,495
PRIOR FILING DATE: 2001-04-28
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILLING WASS: 2001-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE OF INVENTION: TRANSLATIONAL PROFILING FILE REFERENCE: 08191-026WO1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TENETH.
                                                                                                                                                    LENGTH: 1417
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1260 დდდდდდდდ10 1271
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Query Match

5.2%; Score 12; DR 1; Length 1417;

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pcT-US02-09671-349
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[35-1.5] [345] [9] [555]
[36-1.5] [345] [9] [555]
[36-1.5] [345] [9] [555]
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Db 1260 VQQQQQQQQQQQQ 1271
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Onery Match 5.2%; Score 12; DB 1; Best Local Similarity 100.0%; Pred. No. 0.0025; Matches 12; Conservative 0; Mismatches 0
SEQ TO NO 353
LENGTH: 1420
TYPE: PKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Matches
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18 FOR APPLICATION NUMBERS (62/279,485)

18 FOR APPLICATION 2001 01 OF FRIEND APPLICATION.
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THILLS STITUTED BY TRANSLATIONAL PROFILING
FILLS STITUTES STITUTED BY TRANSLATIONAL PROFILING
FILLS STITUTES STITUT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 69/810,801
PRIOR FILING DATE: 2001-08-08
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TITCL: STINVENTESH: TRANSLATIONAL PROFILING
FILE KUTEKERPE: 08191-026Wol
                                                                                                                                                                                                                                                                                                                                                                              FN.-G APELISATI-N HOMBER, 6.0/410,801
FRI-G FILIN IANTE 2001-08 on
FRI-G APELISATI-N HOMBER, 6.0/426,470
FRI-G APELISATI-N HOMBER, 6.0/446,780
FRI-G APELISATI-N HOMBER, 6.0/446,780
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SECTIONS: 2041
SUFIWARE: FastSECTOR Windows Version 4.0
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FRIDE PILING DATE: 2001-03-28
FRIDE PILING DATE: 2001-05-21
FRIDE PILING DATE: 2001-05-21
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CURRENT FILING DATE: 2002 of 28
                                                                                                                                      NUMBER OF SEC ID NOS: 2041
SOFTWARE: FasisEc for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ERIOR APPLICATION NUMBER: 00/292,544
ERIOR FILLING DATE: 2001-05-21
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                                                                                                                                                                                                                                             PRIOR FILING DAIE: 2002-02-20
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                                                                                                                                                                                                                                                                                                                                          PRIOR FILING DATE: 2001 12:04
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                                                                                                                                                                                                                                                                                      104 MUMBER - 6.0/258,985
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CURRENT FILING DATE: 2002-03-28

PRIOR APPLICATION NUMBER: 60/279,495

PRIOR FILING DATE: 2001-03-28

PRIOR FILING DATE: 2001-03-08

PRIOR FILING DATE: 2001-03-08

PRIOR FILING DATE: 2001-03-08

PRIOR APPLICATION NUMBER: 60/326,470

PRIOR APPLICATION NUMBER: 60/326,470
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PCI: USO2 09671 353
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: Sequence 447, Application PC/IUS0209671
: GENERAL INFORMATION:
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SOFTWAKE: FASTSEQ for Windows Verbion 1.0
SEQ ID NO 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 458. Application BC/10S0209671 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
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                                                                                                                                                                                                                                                               CHERRIT ATTILICATION NUMBER, PCT/ULTESCOSCI
CHERRIT FILLING DATE: 2003 03-28
FRIOR APPLICATION NUMBER: 60/279,498
PRIOR FILLING DATE: 2001 03-28
                                                                                                                                                                                                                                                                                                                                                                AFFLICANT: Zycos The
HILLE OF INVENTION: HANGHATIONAL FROTHING
FILE REFERENCE: 08/91-026W01
                                                                                                                                                                                                       PRIOR FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: 60/292/511
PRIOR FILING DATE: 2001-05-21
                                                                                                                                                        PRIOR APPLICATION NUMBER: 60,740, you PRIOR FILING DATE: 2001-08-08
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FRIOR APPLICATION NUMBER: 60/3:6,786
PRIOR FILING DATE: 2001-12-04
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PRIOR APPLICATION NUMBER: 60/358,985 PRIOR FILING VALE: 2002 02 20
                                                                                                   PRIOR APPLICATION NUMBER: 60/326, 378 PRIOR FILING DATE: 2001-10-01
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                                                 PRIOR FILING DATE:
                                                                        PRIOR APPLICATION NUMBER: 60,7336,780
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                                               2001-12-91
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PCT-US02-09671-350
Sequence of Applications
GENERAL INFORMATIONS
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PCT:US02 09671 (50
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                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 5.2%,
Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ III No 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 12; Conservative
PRICE AFFOLYAYICH HOMBUR, 69/279,495
PRICE TOTAL 2001 05 28
PRICE TOTAL 2001 05 28
PRICE TOTAL AFFORM HOMBUR, 60/292,544
PRICE TOTAL AFFORM HOMBUR, 60/310,801
PRICE AFFOLKATION HOMBUR, 60/310,801
PRICE AFFOLKATION HOMBUR, 60/312,6370
                                                                                                                                                            TIBLE OF HAVENTON: BANKSLATICHAL PROFILING CURKER PARTICL 08151 026W01 CURKER PARTICLES ROLLONG PARTICLES (CURCER CULCET DATE: 2002 04 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRICK FILING DATE, 2001 03-28
PRICK APPLICATION NUMBER: 607
PRICK FILING DATE: 2001 05-21
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CUERDNI FILING DATE: 2002-03-28
FRIOR AFFILIALION NUMBOR, 60/279,495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT. Zycos Inc.
TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08151 026Wol
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PRISE FIGHE LAND, 2001-08-08
ERISE APPLICATION HOMBER, 65/326,370
PRISE FILING DATE: 2001-10-01
                                                                                                                                                                                                                                                             APPLICANT.
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TYPE: PRI
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| DATE: 2001-12 04
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100.0%; Pred. No. 0.0025;
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RESULT 15
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PRIOR APPLICATION WINNEY COUNTY CASE
PRIOR APPLICATION WINNEY COUNTY CASE
PRIOR FILLING DATE: 2001-08-08
PRIOR FILLING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/326-270
PRIOR FILLING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/366,780
PRIOR FILLING DATE: 2001-10-01
PRIOR APPLICATION NUMBER: 60/366,780
PRIOR FILLING DATE: 2001-10-01
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Sephence 602, Application US/10041018

GENERAL INFORMATION:
APPLICANT: Matsuda, Serich P.I.
APPLICANT: Hart, Elizabeth A.
HILLE OF INVESTIGN: Strength: Producting University Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Control of Co
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches 12: Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9.2%; Score 12; DB 1; Exempth 1522; Best Local Similarity 100.0%; Fred. No. 0.0026;
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LENGTH: 1424
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TITLE OF INVENTION: TRANSLATIONAL PROFILING
FILE REFERENCE: 08191-025W01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: FastSEQ for Windows Version 4.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR FILING DATE: 2002-02-20 NUMBER OF SEQ ID NOS: 2041
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NUMBER OF SEQ ID NOS: 2041
SOFTWARE: FASTSEQ FOR WINDOWS Version 4.0
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PRIOR FILING DALE: 2001-10-01
PRIOR FILING DALE: 2001-12-04
PRIOR APPLICATION NOBBER, 60/358,985
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/458,985
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BER: 60/279,195
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Sometice 1672, Application 68/10113872
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: GENERAL INFORMATION:
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US-10-108-605 97
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                                                                                                                                               APPLICANT: Kalos, Michael D. APPLICANI: Sieath, Faul k. APPLICANI: Vedvick, Thomas S.
                                                                                                                                                                                                                    APPLICANT: Watanabe, Yoshihiro
APPLICANT: Henderson, Robert /
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
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COUGENT WITE FAIL NITHERS SCITT/041.C
COURSENT FILENS DATE: 2002-01-07
PRIOR APPLICATION NUMBER: US 60/259880
PRIOR FILENS FAIE: 2001-01-05
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PRIOR FILING DATE: 2001-01-16
PRIOR ARECOVERDO BYTHEFF TW. FO,176,418
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APPLICANT: Stam, Lynn
APPLICANT: Bachmann, Jane
TITLE OF INVERTION, COMPOSITIONS AND MELHODS FOR THE THERAPY LITLE OF INVERTION, AND GLADWOLD OF LONG CANCER FILE REFERENCE: JOJ 21.478/19
- CORRECT ACTIONAL & HORMER, GS/1-/114,872
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TITLE OF INVENTION. PROTEINC ESSENTIAL FOR LARVAL VIABILITY AND USID THERIOF
FILE REFERENCE: 311348
                                                                                              APPLICANT: Carter, Darrick APPLICANT: Fanger, Gary R.
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SOFTWARE: Patentin version 3.1
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WUMBER OF SEQ ID NOS: 361
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                                                 Thomas S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       4.3%; Score 10; DR 6; Length 175; 100.0%; Pred. No. 0.029;
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: OWGAN(SM: Homo Sapieus
US 10:114:872:1872
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// GENERAL INFORMATION:
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4.%; Score 10; DH 1; Length 236;
Hest Local Similarity 100.0%; Pred. No. 0.039;
Marches 10; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                      APPLICANT: Waterabo, Yoshihiro
APPLICANT: Waterabo, Kobert A.
APPLICANT: KALLJ, Mislael D.
APPLICANT: Sleath, Paul R.
APPLICANT: Vedyick, Thomas S.
APPLICANT: Cartor, Darrick
APPLICANT: Fanger, Carry R.
LILLE OF INVENTION, CAND DIAM SIS OF ECON CANCES
TO DE CONTROL OF AND DIAM SIS OF ECON CANCES
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GENERAL INFORMATION:
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CURRENT FILLING DATE: 2002-03-20
FRICH APPLICATION NUMBER: 09/917/60
PRICH FILING DATE: 2001 03-20
NUMBER OF SEQ ID NOS: 40
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                                                                                                                 FILE REFERENCE: Z10121.478019
- OTRRENT AFFILEALT # FYMBUS: C22
- OTRRENT FILLING LAHR: 2002-04-28
- MIDMER OF SEG ID WIS: 2011
- SOFTWARE: FASTSEQ for Windows Version 4.0
TYPE: PRI
ORGANISM: Homo supjectes
TO-114 872-1869
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: German, Michael S. APPLICANT: Lin, Joseph
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                                                                          LENGIH: 236
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; ORGANISM: Home ampleus
US-10-113-872 1871
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; ORGANISM: Homo Sapirens
US-10-113-872 1870
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; Sequence 1870, Application US/10113872
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Query Match 4.3%; Score 10; DB 6; Length 247; Best Local Similarity 100.0%, Fred. No. 0.039; Matches 10; Conservative 0; Mismatches 0; Indels
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APPLICANT: Veste(ck. Thomas S.
APPLICANT: Veste(ck. Thomas S.
APPLICANT: France, Gary R.
APPLICANT: France, Gary R.
TITLE or INVERTION: AND DIAMNSTS OF LUNG FARCER
TITLE or INVERTION: AND DIAMNSTS OF LUNG FARCER
TITLE OF INVERTION: AND DIAMNSTS OF LUNG FARCER
TITLE REFERENCE: 210.21.478619
CULSIN: ALICE AND MARCH: 15.715,7113,872
CURRING FILENCIA TO MARCH: 15.715,7113,872
CURRING FILENCIA TO MARCH: 15.715,7113,872
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APPLICANT: Cartor, Darrick
APPLICANT: Fanger, Gary R.
APPLICANT: Fanger, Gary R.
TITLE of INVENTION. CAMPACITIANS AND METERAL POST THE THERAPY
ITTLE OF INVENTION. CAMPACITIANS OF LUBRO CARDER
FILE REPERSIVE: 2002107 AND DIAGROSIS OF LUBRO CARDER
FILE REPERSIVE: 2002107 AND DIAGROSIS OF LUBRO CARDER
FILE REPERSIVE: 2002107 AND DIAGROSIS OF LUBRO CARDER
CURRENT APPLICATION NUMBER: US/10/113,872
                                                                                                                                                                                                                                                                                                      CURRENT FILING DATE: 2002-03-28
NUMBER of SEQ ID NOS: 2011
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RESULT 24
US 10-089-700 4
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US-10 114-872-1814
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                                                                                                                                         weery Match 4.8%; Score 10; DH 6; Length 288; Hest Local Similarity 100.0%; Fred. No. 0.089; Matches 10; Conservative 0; Mismatches 0; Indels
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Bost Local Similarity
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APPLICANT: Lib, Loseph F. er FARCHEATO ISLET CIBLS AND LITLE OF INVENTION: DULIVERY of INSULIN
FILE REPERENCE: UCSF-124901
CURRENT APPLICATION NUMBER: F01/0502/1155
CURRENT FILINT DATE: 2002-08-20
FRIOR APPLICATION NUMBER: F05/0502/1155
                                                                                                                                                                                                                                                                                                                       OTREUNI FILING DATE: 2002-04-28
NUMBER OF SEQ ID NOS: 2011
ADDITIONAL FILING DATE: 2002-04-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Watanabe, Yoshihiro
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NUMBER OF SEQ ID NOS: 40
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                                                                                                                                                                                                                                                                       TYPE: PRI
                                                                                                                                                                                                                                                                                         LENGIH: 238
                                                                                                                                                                                                                                                  okGANISM: Homo sapiens
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Kulos, Michael D.
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RESULT 25
US-10-128 214 3265
E Sequence 3255, Application US/10128714
E GENERAL INFORMATION
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: CRCANIEM: Asperdillus funiqueus
PCI-US02-13142 4265
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Sequence 4265 Application PC/TUS0213142
GENERAL INFORMATION:
APPLICANT: Elitra Pharmacenticals, Inc.
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PCF USC2 1:
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CURRENT FAITH BATE: 2002-04-01
FRIER FREET WILL THE HEADER. PT/CR005/04/760
FRIER FILLING GAID. 2000-10-02
RUMBER FILLING GAID. 2000-10-02
RUMBER FILLING WAS: 78
SOFTWARE PAICHTH WOLSTON 4.0
SOFTWARE PAICHTH WOLSTON 4.0
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TUEBERT ALTEL MOLTH NUMBEL: 1 ULTSC2,11442
CURRENT FILING DATE: 2002-04-23
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APPLICANI: Jiang, Bo
APPLICANI: Hu, Wengi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEC. ID NOS: 8603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR FILING DATE: 2001-07-09
PRIOR ATTLICATION NUMBER: US GO/ST6, 862
PRIOR FILING DATE: 2001-08 41
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PRIOR APPLICATION NUMBER: US 60/203,899
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: Identification of Essential Sches in Asperdillus funidatus and TITLE OF INVENTION: Methods of Use
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWAKE: Patentin version (.)
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RESULT 28
US-10-105 299-4071
Sequence 4071, Application US/10105299
GENERAL INFORMATION.
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CHEEPAL INFORMATION:
APPLICAMI, Slave, Sal-Shore
LITLE OF INVENTION: Method for Modifying Plant Biomass
FILE REFERENCE: MRI-0034
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Matches 10; Conservative C
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CURRENT FILLES DATE: 2002-09-26
NUMBER OF SEC ID NOS. 8
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FROM APPLIATION WIMBER: 28-69/285,697
FROM ETLIN FIATE: 2001-04-23
FROM ETLIN TOATE: 2001-04-27
PROM ETLIN TOATE: 2001-04-27
                            ADMINITANT, Rosen, et. al
TILLE OF INVENTION: Human Secreted Proteins
FILE REFERENCE: PS950
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PRIOR FILING DATE: 2001-08-31
NUMBER OF SEQ ID NOS: 8603
CURRENT APPLICATION NUMBER, US/16/181,299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: Patentin version 3.0
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Fürken: AFFLICATION NUMBER, Dr
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PRIOR APPLICATION NUMBER: US 50/703,899
PRIOR FILING DATE: 2001-07-09
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APPLICANT: Lemicux, Sebastiem M
ITILE OF INVENTION: Methods of Use
ITILE OF INVENTION: Methods of Use
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APPLICANI: Zamudio, Carlos
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100.0%; Fred. No. 0.045;
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; TYPE: PRT
; ORGANISM: Homo sapiens
PCT-USe2-07826-189
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US-10-105-299 4071
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                                                                                                                                                       ; Sequence 189, Application US/10097340
, GEMERAL INFERMETHEM:
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                                                                                                                                                                                                                           RESULT
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LENGTH, 305
                                                                                                                                                                                                                                                                                                                                                                                  Matches 10;
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Best Local Similarity
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Prior Application removed - See File Wrapper or Palm
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TITLE OF INVENTION. Nucleic Acid Molecules and Proteins For The Identification,
TITLE OF INVENTION. Assessment, Freeentien, and Therapy of Gearian Cancer
                    APPLICANT:
                                            APPLICANT:
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                                                                                                                             APPLICANT, John MCNAHAN
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FRICK FILING DATE: 2001-08-10
PRICK APPLICATION NUMBER: 60/325,102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 2001-03-14
PRIOR APPLICATION HUMBER: 60/224,967
PRIOR FILING DATE: 2001/09/26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CURRENT FILLING DATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRICE APPLICATION
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100.0%; Pred. No. 0.054;
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